

BUILDING HARDWARE *and* PLUMBERS SPECIALTIES



A. L. Swett Iron Works
Medina, N. Y.

Established 1873

Incorporated 1898

Catalog 24



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Plant of the A. L. Swett Iron Works, Medina, N. Y.

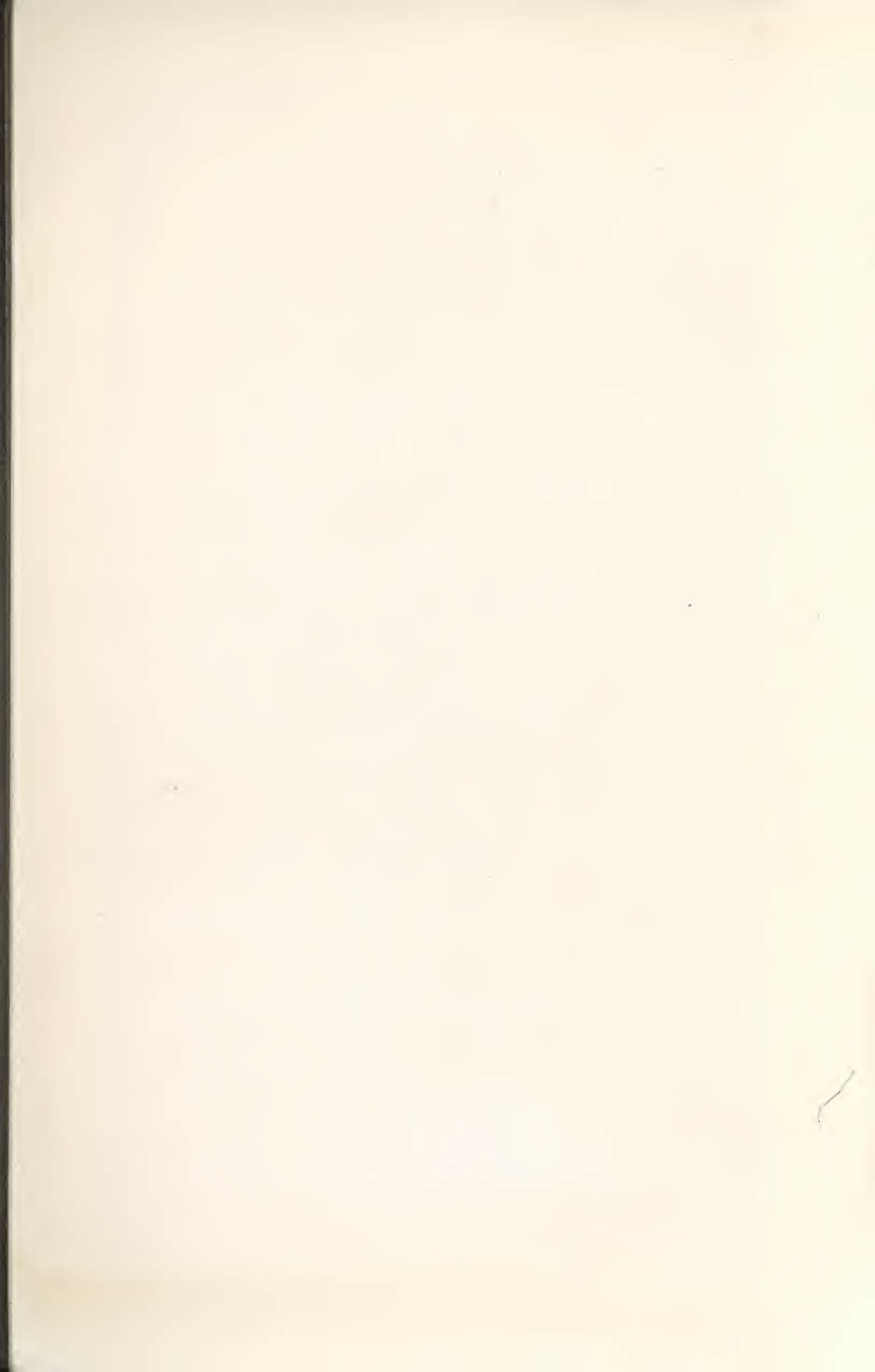
ON the opposite page is shown our plant which contains over 115,000 square feet of floor space with modern Foundry and Machine Shop.

In addition to the items shown in this catalog we are well equipped for molding and machining special castings up to 7½ tons each.

All inquiries will receive our prompt attention.

A. L. SWETT IRON WORKS

Medina, N. Y.



IMPORTANT NOTICE

THIS issue of our general catalog includes numerous changes in lists and descriptions of our standard products. If you have previous editions of our catalog in your files please destroy them to prevent the possibility of misinformation and errors.

When placing orders for cataloged items, please specify catalog figure numbers and designate items by their correct catalog name. This will prevent errors and delays in making shipments.

All prices quoted herein and in our printed price lists are subject to change without notice, and are based upon delivery F.O.B. cars at Medina, N. Y. Our responsibility for shipments ceases with delivery to the railroad company, but we will gladly cooperate with customers in obtaining satisfactory adjustments of all claims for damage to goods in transit.

Do not return goods to us for any cause without first obtaining our permission and shipping instructions.

Further information regarding our products will be furnished promptly upon request.

CAST IRON SINKS

Flat Rim with Square Corners

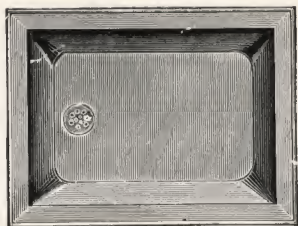


Fig. 130A

Size Inches	List Each		Size Inches	List	
	Plain	Galv'd		Plain	Galv'd
12 x 12	\$1.10	\$2.20	18 x 40	\$3.75	\$7.50
12 x 18	1.25	2.60	20 x 24	2.40	5.00
14 x 20	1.50	3.20	20 x 28	2.70	5.50
15 x 23	1.70	3.40	20 x 30	3.00	6.25
16 x 20	1.70	3.50	20 x 36	3.70	7.75
16 x 24	1.90	4.00	20 x 40	4.00	8.75
16 x 28	2.10	4.50	20 x 42	4.25	9.00
16 x 30	2.25	4.75	20 x 48	5.30	11.50
18 x 20	2.00	4.00	22 x 36	4.00	8.25
18 x 24	2.10	4.30	22 x 42	4.75	10.00
18 x 28	2.35	4.80	23 x 48	5.75	12.25
18 x 30	2.50	5.10	24 x 48	6.00	12.25
18 x 36	3.25	6.50	24 x 50	7.50	16.00

All of the above Sinks 6 inches deep.

Specify if wanted with or without lugs for legs.

SINK FITTINGS

Open Strainers

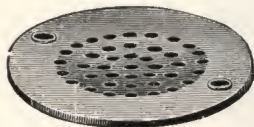


Fig. 133A

	List Each
Plain	\$.12
Galvanized . . . . .	.24
Sizes 4, 4½, 4¾ and 5 in. dia.	

Plug Strainers

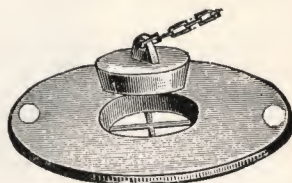


Fig. 134A

	List Each
Plain	\$.50
Galvanized	1.00
4¾ in. dia. with rubber plug.	

Sink Couplings

For Lead Pipe



Fig. 135A

	List Each
Plain	\$.12
Galvanized . . . . .	.24

Sink Couplings

Tapped for Iron Pipe

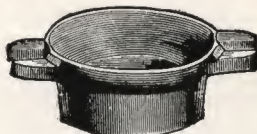


Fig. 136A

For Pipe	List Each	
	Plain	Galv'd
1¼ in.	\$.36	\$.72
1½ in. . . . .	.36	.72
2 in. . . . .	.40	.80

Sink Bolts



Fig. 137A

Diameter Inches	Length Inches		List
1/4	2	per hundred	\$2.10
1/4	2¼	" "	2.20
1/4	2½	" "	2.30
1/4	3	" "	2.40

SLOP SINKS With Lead Pipe Connection



Fig. 140A

No.	Size	Depth of Body	Height over all	Outside Diam. of Outlet	Approx. Net Wt.	List Each	
						Plain	Galv'd
1,	16 x 16-in.	10 $\frac{1}{4}$ -in.	12 $\frac{3}{4}$ -in.	2-in.	40 lbs.	\$2.70	\$5.20
2,	14 x 20-in.	13 $\frac{1}{2}$ -in.	16-in.	2-in.	42 lbs.	3.50	6.50
3,	16 x 20-in.	13 $\frac{1}{2}$ -in.	16-in.	2-in.	60 lbs.	4.00	7.50
4,	20 x 24-in.	13 $\frac{1}{2}$ -in.	16-in.	2-in.	85 lbs.	5.00	9.50
5,	20 x 30-in.	13 $\frac{1}{2}$ -in.	16-in.	2-in.	110 lbs.	8.00	15.00
6,	20 x 36-in.	13 $\frac{1}{2}$ -in.	16-in.	2-in.	135 lbs.	10.00	19.00

Slop sinks fitted with plug strainer, add to list30 .50

Slop sinks made with patent overflow, add to list . . .1.00 1.25

Nos. 1, 3 and 4 center outlet.

Nos. 2, 5 and 6 end outlet.

When so ordered the above can be furnished with outlet for connection with 4-inch soil pipe.

SLOP HOPPERS With Bell Trap

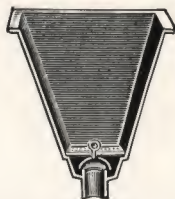


Fig. 141A
Sectional View

No.	Size	Depth of Body	Height over all	Outside Diam. of Outlet	Approx. Net Wt.	List Each	
						Plain	Galv'd
11,	12 x 12-in.	8 $\frac{3}{8}$ -in.	9 $\frac{5}{8}$ -in.	2 $\frac{1}{2}$ -in.	17 lbs.	\$1.50	\$3.00
12,	15 x 15-in.	14 $\frac{1}{4}$ -in.	15 $\frac{1}{2}$ -in.	2 $\frac{1}{2}$ -in.	35 lbs.	2.50	5.00
13,	16 x 16-in.	12 $\frac{3}{8}$ -in.	14-in.	2 $\frac{3}{4}$ -in.	45 lbs.	2.80	5.50
14,	18 x 18-in.	12 $\frac{7}{8}$ -in.	14-in.	3 $\frac{1}{2}$ -in.	42 lbs.	3.00	6.00

For extra parts see page 19.

HARRIS ROUND BOTTOM SLOP SINKS

With Bell Trap

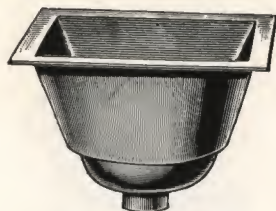


Fig. 142A

No.	Size	Depth of Body	Height over all	Outside Diam. of Outlet	Approx. Net Wt.	List Each
8,	12 x 12-in.	7-in.	8½-in.	2⅛-in.	20 lbs.	\$2.00
9,	14 x 14-in.	8¼-in.	9¾-in.	2¼-in.	25 lbs.	2.25
10,	16 x 16-in.	9¾-in.	11¼-in.	2¼-in.	31 lbs.	2.50

FLETCHER CALKABLE SLOP SINKS

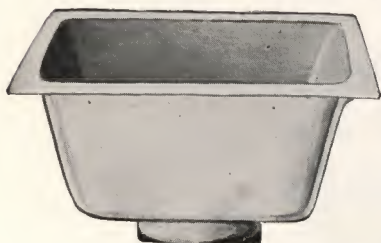
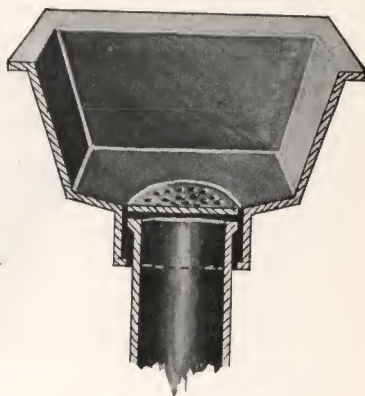


Fig. 143A



Sectional View

This slop sink is designed so that it can be slipped over the soil pipe and a calked joint made from the top and inside the slop sink, strainer removable.

No.	Size	Depth of Body	Height over all	Inside Diam. of Outlet	Approx. Net Wt.	List Each	
						Plain	Galv'd
15,	16 x 16-in.	7⅛-in.	8⅝-in.	4¾-in.	31 lbs.	\$2.70	\$5.20
16,	14 x 14-in.	6-in.	8-in.	3-in.	19½ lbs.	1.80	3.60

For extra parts see page 19.

CELLAR TRAP With Bell Trap

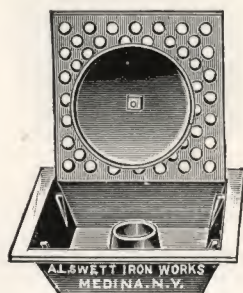


Fig. 146A

No.	Size	Depth of Body	Height over all	Outside Diam. of Outlet	Approx. Net. Wt.	List Each
1,	9 x 9-in.	2 $\frac{1}{8}$ -in.	3-in.	1 $\frac{7}{8}$ -in.	6 $\frac{1}{2}$ lbs.	\$1.00
2,	12 x 12-in.	2 $\frac{1}{8}$ -in.	3 $\frac{5}{8}$ -in.	1 $\frac{3}{4}$ -in.	14 $\frac{1}{2}$ lbs.	1.50
3,	15 x 15-in.	3 $\frac{5}{8}$ -in.	4 $\frac{1}{2}$ -in.	3 $\frac{1}{4}$ -in.	21 lbs.	2.00

SEWER TRAP With Bell Trap

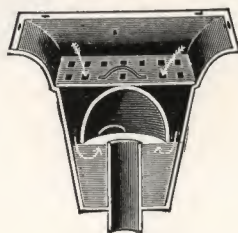


Fig. 147A
Sectional View

No.	Size	Depth of Body	Height over all	Outside Diam. of Outlet	Approx. Net Wt.	List Each
1,	16 x 16-in.	8 $\frac{1}{8}$ -in.	9 $\frac{5}{8}$ -in.	2 $\frac{1}{4}$ -in.	37 lbs.	\$2.50

For extra parts see page 19.

HYDRANT CESSPOOLS

No Bell Trap

(Strainer cast in)



Fig. 148A

No.	Size	Depth of Body	Height over all	Outside Diam. of Outlet	Approx. Net Wt.	List Each
1,	12 x 12-in.	5 $\frac{1}{8}$ -in.	7-in.	3 $\frac{1}{4}$ -in.	12 lbs.	\$1.00
2,	14 x 14-in.	5 $\frac{3}{8}$ -in.	7-in.	3 $\frac{1}{2}$ -in.	15 lbs.	1.15
3,	16 x 16-in.	5 $\frac{3}{8}$ -in.	7 $\frac{3}{8}$ -in.	4 $\frac{1}{4}$ -in.	21 lbs.	1.30
3 $\frac{1}{2}$,	16 x 16-in.	9-in.	10 $\frac{1}{4}$ -in.	4-in.	25 lbs.	2.00

HYDRANT CESSPOOLS

With Bell Trap



Fig. 149A

No.	Size	Depth of Body	Height overall	Outside Diam. of Outlet	Approx. Net Wt.	List Each
4,	12 x 12-in.	8 $\frac{3}{8}$ -in.	9 $\frac{5}{8}$ -in.	3 $\frac{1}{2}$ -in.	19 lbs.	\$1.50
5,	14 x 14-in.	8 $\frac{3}{4}$ -in.	9 $\frac{5}{8}$ -in.	3 $\frac{1}{2}$ -in.	20 lbs.	1.75
6,	16 x 16-in.	8 $\frac{3}{4}$ -in.	9 $\frac{5}{8}$ -in.	3 $\frac{1}{2}$ -in.	28 lbs.	2.00

For extra parts see page 19.

CESSPOOLS WITH BELL TRAP AND HINGED STRAINER

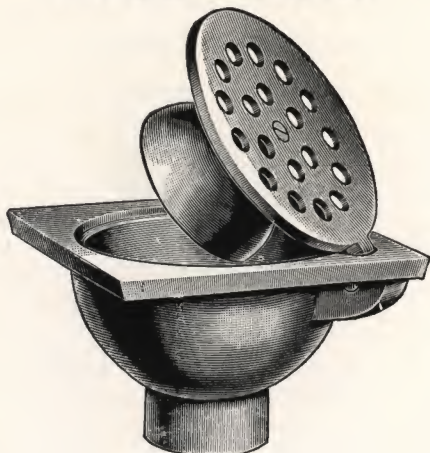


Fig. 228A
STANDARD

Size	Depth of Body	Height over all	Outside Diam. of Outlet	Approx. Net Wt.	List Each
6 x 6-in.	2 $\frac{1}{8}$ -in.	3 $\frac{3}{4}$ -in.	2-in.	4 lbs.	\$1.00
8 x 8-in.	3 $\frac{1}{2}$ -in.	4 $\frac{1}{2}$ -in.	2 $\frac{3}{4}$ -in.	10 lbs.	1.60
9 x 9-in.	4 $\frac{1}{8}$ -in.	5 $\frac{7}{8}$ -in.	3-in.	12 lbs.	1.80
9 x 9-in.	3 $\frac{3}{4}$ -in.	5 $\frac{1}{4}$ -in.	4-in.	12 $\frac{1}{2}$ lbs.	1.80
10 x 10-in.	4 $\frac{1}{8}$ -in.	5 $\frac{7}{8}$ -in.	3-in.	12 lbs.	2.10
10 x 10-in.	3 $\frac{3}{4}$ -in.	5 $\frac{1}{4}$ -in.	4-in.	12 $\frac{1}{2}$ lbs.	2.10
12 x 12-in.	3 $\frac{5}{8}$ -in.	5 $\frac{5}{8}$ -in.	3 $\frac{1}{2}$ -in.	16 lbs.	2.70
13 x 13-in.	4 $\frac{1}{4}$ -in.	6 $\frac{1}{2}$ -in.	4-in.	23 $\frac{1}{2}$ lbs.	3.50

EXTRA HEAVY

Size	Depth of Body	Height over all	Outside Diam. of Outlet	Approx. Net Wt.	List Each
6 x 6-in.	2 $\frac{1}{8}$ -in.	3 $\frac{1}{2}$ -in.	2-in.	5 $\frac{1}{4}$ lbs.	\$1.40
8 x 8-in.	4 $\frac{1}{4}$ -in.	6-in.	3-in.	14 $\frac{3}{4}$ lbs.	2.00
9 x 9-in.	4 $\frac{1}{4}$ -in.	6-in.	3-in.	16 lbs.	2.20
9 x 9-in.	4 $\frac{1}{8}$ -in.	5 $\frac{1}{2}$ -in.	4-in.	16 lbs.	2.20
10 x 10-in.	4 $\frac{1}{4}$ -in.	6-in.	3-in.	20 lbs.	2.80
10 x 10-in.	4 $\frac{1}{8}$ -in.	5 $\frac{1}{2}$ -in.	4-in.	20 lbs.	2.80
12 x 12-in.	3 $\frac{1}{2}$ -in.	5 $\frac{3}{4}$ -in.	3 $\frac{1}{2}$ -in.	26 $\frac{1}{2}$ lbs.	3.60
13 x 13-in.	5 $\frac{3}{4}$ -in.	7 $\frac{3}{4}$ -in.	4 $\frac{1}{8}$ -in.	44 lbs.	5.10

Can also be furnished galvanized.

For extra parts see page 18.

CESSPOOLS With Bell Trap

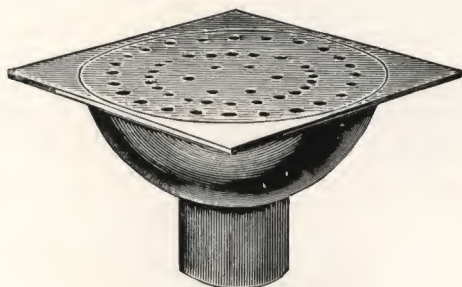


Fig. 225A

STANDARD

Size	Depth of Body	Height over all	Outside Diam. of Outlet	Approx. Net Wt.	List Each
4 x 4-in.	2 $\frac{1}{8}$ -in.	3 $\frac{1}{2}$ -in.	1 $\frac{1}{4}$ -in.	2 $\frac{1}{2}$ lbs.	\$.70
6 x 6-in.	2 $\frac{3}{8}$ -in.	3 $\frac{5}{8}$ -in.	2-in.	4 $\frac{3}{4}$ lbs.	.80
8 x 8-in.	3 $\frac{5}{8}$ -in.	4 $\frac{1}{4}$ -in.	2 $\frac{3}{4}$ -in.	10 lbs.	1.45
9 x 9-in.	4-in.	5 $\frac{3}{4}$ -in.	3-in.	11 $\frac{1}{2}$ lbs.	1.60
9 x 9-in.	3 $\frac{3}{4}$ -in.	5-in.	4-in.	11 $\frac{1}{2}$ lbs.	1.60
10 x 10-in.	4-in.	5 $\frac{3}{4}$ -in.	3-in.	12 $\frac{1}{2}$ lbs.	1.80
10 x 10-in.	3 $\frac{7}{8}$ -in.	5 $\frac{3}{8}$ -in.	4-in.	12 $\frac{1}{2}$ lbs.	1.80
12 x 12-in.	3 $\frac{3}{8}$ -in.	5 $\frac{3}{8}$ -in.	3 $\frac{5}{8}$ -in.	15 lbs.	2.40
13 x 13-in.	3 $\frac{3}{4}$ -in.	6-in.	3 $\frac{5}{8}$ -in.	18 $\frac{1}{2}$ lbs.	2.90

EXTRA HEAVY

Size	Depth of Body	Height over all	Outside Diam. of Outlet	Approx. Net Wt.	List Each
6 x 6-in.	2 $\frac{3}{8}$ -in.	3 $\frac{5}{8}$ -in.	2-in.	5 lbs.	\$1.15
8 x 8-in.	3 $\frac{5}{8}$ -in.	4 $\frac{5}{8}$ -in.	2 $\frac{3}{4}$ -in.	13 $\frac{3}{4}$ lbs.	1.80
9 x 9-in.	4-in.	5 $\frac{3}{4}$ -in.	3-in.	16 lbs.	1.90
9 x 9-in.	4 $\frac{1}{8}$ -in.	5 $\frac{1}{2}$ -in.	4-in.	16 lbs.	1.90
10 x 10-in.	4-in.	5 $\frac{3}{4}$ -in.	3-in.	19 lbs.	2.40
10 x 10-in.	4 $\frac{1}{8}$ -in.	5 $\frac{1}{2}$ -in.	4-in.	19 lbs.	2.40
12 x 12-in.	3 $\frac{3}{8}$ -in.	5 $\frac{5}{8}$ -in.	3 $\frac{5}{8}$ -in.	27 lbs.	3.30
13 x 13-in.	5 $\frac{1}{2}$ -in.	8-in.	4-in.	29 lbs.	4.00

All of above can be furnished *without* Bell Trap at same list.

Can also be furnished galvanized.

For extra parts see page 17.

CESSPOOLS WITH BELL TRAP

Spigot Outlets Extra Long for Calking

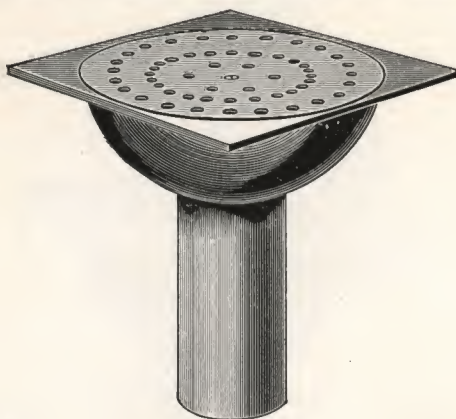


Fig. 227A

STANDARD

Size	Length of Spigot	Depth of Body	Height over all	Inside Diam. Outlet	List Each
6 x 6 in.	4 in.	2 $\frac{3}{8}$ in.	6 $\frac{1}{2}$ in.	2 in.	\$1.70
8 x 8 in.	8 in.	3 $\frac{1}{4}$ in.	11 $\frac{1}{2}$ in.	3 in.	2.40
8 x 8 in.	12 in.	3 $\frac{1}{4}$ in.	15 $\frac{1}{2}$ in.	3 in.	3.10
9 x 9 in.	8 in.	3 $\frac{3}{4}$ in.	11 $\frac{3}{4}$ in.	3 in.	2.50
9 x 9 in.	12 in.	3 $\frac{3}{8}$ in.	16 $\frac{1}{4}$ in.	3 in.	3.20
12 x 12 in.	8 in.	3 $\frac{1}{4}$ in.	11 $\frac{1}{2}$ in.	4 in.	3.90
12 x 12 in.	12 in.	3 $\frac{1}{4}$ in.	15 $\frac{1}{4}$ in.	4 in.	4.60
13 x 13 in.	8 in.	3 $\frac{3}{4}$ in.	12 in.	4 in.	4.50
13 x 13 in.	12 in.	3 $\frac{3}{4}$ in.	16 in.	4 in.	5.20

EXTRA HEAVY

Size	Length of Spigot	Depth of Body	Height over all	Inside Diam. Outlet	List Each
6 x 6 in.	4 in.	2 in.	6 $\frac{1}{4}$ in.	2 in.	\$2.25
8 x 8 in.	8 in.	3 $\frac{3}{8}$ in.	11 $\frac{1}{2}$ in.	3 in.	2.90
8 x 8 in.	12 in.	3 $\frac{3}{8}$ in.	15 $\frac{5}{8}$ in.	3 in.	3.60
9 x 9 in.	8 in.	3 $\frac{3}{4}$ in.	12 in.	3 in.	3.10
9 x 9 in.	12 in.	3 $\frac{3}{4}$ in.	16 in.	3 in.	3.80
12 x 12 in.	8 in.	3 $\frac{1}{4}$ in.	11 $\frac{1}{2}$ in.	4 in.	5.25
12 x 12 in.	12 in.	3 $\frac{1}{4}$ in.	15 $\frac{1}{2}$ in.	4 in.	6.00
13 x 13 in.	8 in.	3 $\frac{1}{4}$ in.	11 $\frac{1}{2}$ in.	4 in.	6.30
13 x 13 in.	12 in.	3 $\frac{1}{4}$ in.	15 $\frac{1}{2}$ in.	4 in.	7.00

Can be furnished galvanized. *For extra parts see page 16.*

CESSPOOLS WITH BRASS COVER

With Bell Trap

Size	Outlet	List Each
4 x 4-in.	1-in.	\$2.00
6 x 6-in.	2-in.	3.00
8 x 8-in.	3-in.	4.00
9 x 9-in.	3-in.	5.00
12 x 12-in.	4-in.	8.00
13 x 13-in.	4-in.	10.00

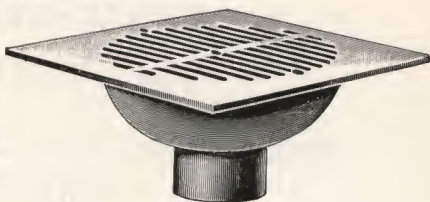


Fig. 228½A

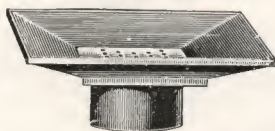
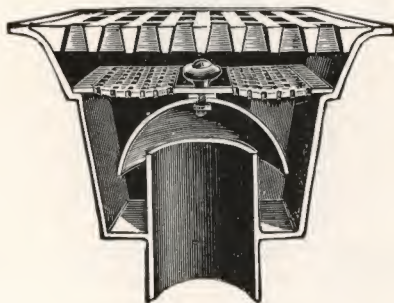
FLOOR DRAIN

Fig. 226A

Size	Depth of Body	Height over all	Outside Diam. of Outlet	Approx. Net Wt.	List Each
12 x 12	2½-in.	4½-in.	4-in.	14 lbs.	\$2.50

STABLE CESSPOOLS**Heavy Double Grate**

With Bell Trap

Fig. 150A
Sectional View

Size	Depth of Body	Height over all	Outside Diam. of Outlet	Approx. Net Wt.	List Each
12 x 12-in.	8¾-in.	12-in.	4¼-in.	46 lbs.	\$5.00
16 x 16-in.	8½-in.	10½-in.	4-in.	52 lbs.	8.00
16 x 16-in.	8¾-in.	10¾-in.	5-in.	53 lbs.	9.00

For extra parts see pages 18 and 19.

STABLE CESSPOOLS

Heavy Double Grate

Spigot Outlet Extra Long for Calking

With Bell Trap



Fig. 224A

Size	Length of Spigot	Depth of Body	Height over all	Inside Diam. Outlet	List Each
12 x 12 in.	8 in.	8½ in.	16½ in.	4 in.	\$ 6.50
12 x 12 in.	12 in.	8½ in.	20⅞ in.	4 in.	7.50
16 x 16 in.	8 in.	8½ in.	16½ in.	4 in.	9.50
16 x 16 in.	12 in.	8½ in.	20⅞ in.	4 in.	10.50
16 x 16 in.	8 in.	8½ in.	16½ in.	5 in.	11.00
16 x 16 in.	12 in.	8½ in.	20⅞ in.	5 in.	12.00

For extra parts see page 18.

EXTRA PARTS FOR CESSPOOLS

STRAINERS

Cesspool used with				No.	Size	List
4 x 4	Standard	Cesspool	225A	A	3 $\frac{3}{16}$ in. diam.	\$.10
6 x 6	"	"	"	B	4 $\frac{5}{8}$ " "	.16
8 x 8	"	"	"	C	6 $\frac{1}{2}$ " "	.30
9 x 9	"	"	"	D	7 " "	.30
10 x 10	"	"	"	D	7 " "	.30
12 x 12	"	"	"	P	10 $\frac{1}{8}$ " "	.45
13 x 13	"	"	"	R	10 $\frac{5}{8}$ " "	.50
6 x 6	Heavy	"	"	W	4 $\frac{7}{8}$ " "	.20
8 x 8	"	"	"	V	6 $\frac{1}{2}$ " "	.36
9 x 9	"	"	"	U	7 $\frac{3}{8}$ " "	.50
10 x 10	"	"	"	U	7 $\frac{3}{8}$ " "	.50
12 x 12	"	"	"	S	10 $\frac{1}{16}$ " "	.90
13 x 13	"	"	"	T	10 $\frac{13}{16}$ " "	.90

BELLS

Cesspool used with				No.	Diam.	Depth	List
4 x 4	Standard	Cesspool	225A	A	2 in.	1 in.	\$.08
6 x 6	"	"	"	B	2 $\frac{3}{4}$ " "	1 $\frac{1}{8}$ " "	.10
8 x 8	"	"	"	D	4 " "	1 $\frac{5}{8}$ " "	.16
9 x 9	"	"	"	E	4 $\frac{3}{8}$ " "	2 $\frac{3}{8}$ " "	.25
10 x 10	"	"	"	E	4 $\frac{3}{8}$ " "	2 $\frac{3}{8}$ " "	.25
12 x 12	"	"	"	G	5 $\frac{1}{2}$ " "	2 $\frac{1}{8}$ " "	.25
13 x 13	"	"	"	H	4 $\frac{1}{2}$ " "	2 $\frac{1}{8}$ " "	.25
6 x 6	Heavy	"	"	B	2 $\frac{3}{4}$ " "	1 $\frac{1}{8}$ " "	.10
8 x 8	"	"	"	D	4 " "	1 $\frac{5}{8}$ " "	.16
9 x 9	"	"	"	E	4 $\frac{3}{8}$ " "	2 $\frac{3}{8}$ " "	.25
10 x 10	"	"	"	E	4 $\frac{3}{8}$ " "	2 $\frac{3}{8}$ " "	.25
12 x 12	"	"	"	G	5 $\frac{1}{2}$ " "	2 $\frac{1}{8}$ " "	.25
13 x 13	"	"	"	J	6 " "	3 " "	.50

Strainers for Cesspools 227A same sizes and lists as 225A.

EXTRA PARTS FOR CESSPOOLS

STRAINERS

Cesspool used with					No.	Size	List
6 x 6	Standard	Cesspool	228A		K	4 $\frac{7}{8}$ in. diam.	\$.18
8 x 8	"	"	"	"	AB	6 $\frac{1}{8}$ " "	.30
9 x 9	"	"	"	"	AH	7 $\frac{1}{8}$ " "	.32
10 x 10	"	"	"	"	AH	7 $\frac{1}{8}$ " "	.32
12 x 12	"	"	"	"	AI	10 " "	.50
13 x 13	"	"	"	"	AK	10 $\frac{1}{2}$ " "	.85
6 x 6	Heavy	"	"	"	AB	4 $\frac{7}{8}$ " "	.20
8 x 8	"	"	"	"	AC	7 $\frac{1}{8}$ " "	.65
9 x 9	"	"	"	"	AC	7 $\frac{1}{8}$ " "	.65
10 x 10	"	"	"	"	AC	7 $\frac{1}{8}$ " "	.65
12 x 12	"	"	"	"	AD	10 " "	1.00
13 x 13	"	"	"	"	AE	10 $\frac{5}{8}$ " "	1.60
12 x 12	Stable	"	150A & 224A		AF	8 x 8	.60
16 x 16	"	"	"	"	L	10 $\frac{1}{8}$ x 10 $\frac{1}{8}$	.70

BELLS

Cesspool used with					No.	Diam.	Depth	List
6 x 6	Standard	Cesspool	228A		B	2 $\frac{3}{4}$ in.	1 $\frac{1}{8}$ in.	\$.10
8 x 8	"	"	"	"	D	4 " "	1 $\frac{5}{8}$ "	.16
9 x 9	"	"	"	"	F	4 $\frac{5}{8}$ " "	2 $\frac{1}{8}$ "	.20
10 x 10	"	"	"	"	F	4 $\frac{5}{8}$ " "	2 $\frac{1}{8}$ "	.20
12 x 12	"	"	"	"	G	5 $\frac{1}{2}$ " "	2 $\frac{1}{8}$ "	.25
13 x 13	"	"	"	"	I	6 " "	1 $\frac{1}{2}$ "	.35
6 x 6	Heavy	"	"	"	B	2 $\frac{3}{4}$ " "	1 $\frac{1}{8}$ "	.10
8 x 8	"	"	"	"	F	4 $\frac{5}{8}$ " "	2 $\frac{1}{8}$ "	.20
9 x 9	"	"	"	"	F	4 $\frac{5}{8}$ " "	2 $\frac{1}{8}$ "	.20
10 x 10	"	"	"	"	F	4 $\frac{5}{8}$ " "	2 $\frac{1}{8}$ "	.20
12 x 12	"	"	"	"	G	5 $\frac{1}{2}$ " "	2 $\frac{1}{8}$ "	.25
13 x 13	"	"	"	"	K	6 $\frac{1}{2}$ " "	2 $\frac{5}{8}$ "	.45
12 x 12	Stable	"	150A & 224A		J	6 " "	3 " "	.45
16 x 16	"	"	"	"	L	7 $\frac{1}{8}$ " "	3 $\frac{1}{2}$ "	.50

Top grate for 12 x 12 stable cesspool, see 9 $\frac{1}{2}$ x 9 $\frac{1}{2}$ cesspool grate Fig. 229A. Page 111.

Top grate for 16 x 16 stable cesspool, see 13 $\frac{1}{2}$ x 13 $\frac{1}{2}$ cesspool grate Fig. 229A. Page 111.

EXTRA PARTS FOR CESSPOOLS

STRAINERS

	Cesspool used with	No.	Size	List
No. 4,	Hydrant Cesspool	E	6 $\frac{1}{2}$ in. diam. .	\$.25
No. 5,	" "	E	6 $\frac{1}{2}$ " " .	.25
No. 6,	" "	E	6 $\frac{1}{2}$ " " .	.25
No. 15,	Fletcher Slop Sink	F	5 $\frac{5}{8}$ " " .	.25
No. 16,	" " "	AP	4 " " .	.15
	Floor Drain 226A	G	5 x 5 .	.25
No. 11,	Slop Hopper	G	5 x 5 .	.25
No. 12,	" "	G	5 x 5 .	.25
No. 13,	" "	H	6 $\frac{1}{4}$ in. diam. .	.25
No. 14,	" "	I	7 $\frac{1}{2}$ x 7 $\frac{1}{2}$.	.30
	Sewer Trap 147A	J	8 x 8 .	.50
No. 8,	Harris Slop Sink	M	7 $\frac{1}{4}$ in. diam. .	.30
No. 9,	" " "	N	8 $\frac{3}{8}$ " " .	.30
No. 10,	" " "	O	10 $\frac{3}{4}$ " " .	.50
No. 1,	Cellar Trap	AL	7 $\frac{1}{8}$ x 7 $\frac{1}{8}$.	.30
No. 2,	" "	AO	10 x 10 .	.75
No. 3,	" "	AM	9 $\frac{7}{8}$ x 9 $\frac{7}{8}$.	1.00
	Slop sink strainers 140A		5 $\frac{1}{4}$ in. diam. .	.20
	" " collars 140A . . . . .			.20

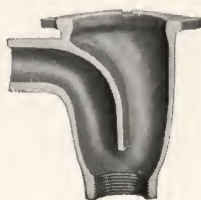
BELLS

	Cesspool used with	No.	Diam.	Depth	List
No. 4,	Hydrant Cesspool	G	5 in.	1 $\frac{3}{4}$ in.	\$.25
No. 5,	" "	G	5 "	1 $\frac{3}{4}$ " .	.25
No. 6,	" "	G	5 "	1 $\frac{3}{4}$ " .	.25
No. 15,	Fletcher Slop Sink	none			
No. 16,	" " "	"			
	Floor Drain 226A	"			
No. 11,	Slop Hopper	D	4 "	1 $\frac{1}{2}$ "	.16
No. 12,	" "	D	4 "	1 $\frac{1}{2}$ " .	.16
No. 13,	" "	D	4 "	1 $\frac{1}{2}$ " .	.16
No. 14,	" "	E	4 $\frac{3}{8}$ "	2 $\frac{1}{2}$ " .	.25
	Sewer Trap 147A	E	4 $\frac{3}{8}$ "	2 $\frac{1}{2}$ " .	.25
No. 8,	Harris Slop Sink	D	4 "	1 $\frac{1}{2}$ " .	.16
No. 9,	" " "	D	4 "	1 $\frac{1}{2}$ " .	.16
No. 10,	" " "	D	4 "	1 $\frac{1}{2}$ " .	.16
No. 1,	Cellar Trap	B	2 $\frac{3}{4}$ "	1 $\frac{1}{8}$ " .	.10
No. 2,	" "	M	3 $\frac{1}{2}$ "	1 " .	.15
No. 3,	" "	H	5 $\frac{3}{8}$ "	2 " .	.25

IMPROVED SINK TRAP With Brass Cleanout Plug



Fig. 138A



Cross Section

List Each

Used in place of regular sink coupling
 Outlet threaded for $1\frac{1}{4}$ in. iron pipe.

\$1.20



Fig. 187A

BOTTLE TRAP With Brass Cleanout Plug

Female outlet $1\frac{1}{4}$ in.
 Female inlet $1\frac{1}{4}$ in.

List
Each

\$1.00



Cross Section

REFRIGERATOR DRAIN TRAP

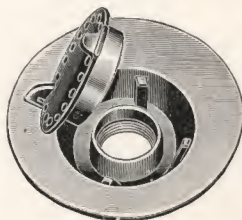


Fig. 327A

No.	Strainer	Diameter	Depth	Tapped for	Approx. Net Wt.	List Each	
						Plain	Galv'd
1	Hinged	$6\frac{1}{2}$ in.	$2\frac{3}{4}$ in.	$1\frac{1}{4}$ -in. pipe	$2\frac{1}{2}$ lbs.	\$.80	\$1.00
2	Loose	8 in.	$2\frac{3}{4}$ in.	$1\frac{1}{4}$ -in. pipe	$4\frac{1}{2}$ lbs.	.75	1.20

SOLDER POTS



Fig. 153A

Diam.	Depth	Cap. Lead	Approx. Wt.	List Each
4 in.	3 in.	11 lbs.	2 $\frac{3}{4}$ lbs.	\$.40
5 in.	3 $\frac{3}{4}$ in.	17 $\frac{1}{2}$ lbs.	3 $\frac{1}{4}$ lbs.	.50
6 in.	3 $\frac{1}{2}$ in.	23 lbs.	4 $\frac{3}{4}$ lbs.	.65
7 in.	4 $\frac{1}{8}$ in.	40 lbs.	6 $\frac{3}{4}$ lbs.	.80
8 in.	4 $\frac{3}{4}$ in.	60 lbs.	9 $\frac{1}{4}$ lbs.	1.10
9 in.	5 $\frac{1}{2}$ in.	85 lbs.	14 lbs.	1.30
10 in.	5 $\frac{5}{8}$ in.	120 lbs.	16 lbs.	1.75
12 in.	6 in.	185 lbs.	30 lbs.	3.00
13 $\frac{1}{2}$ in.	6 in.	230 lbs.	45 lbs.	3.50

MELTING LADLES

Double Lip Cast Iron Bowl with Wrought
Iron Handle



Fig. 357A

Diam.	Depth	Capacity Lead	Length of Handle	Approximate Net Weight	List Each
5 in.	3 $\frac{1}{2}$ in.	25 lbs.	28 in.	8 $\frac{1}{2}$ lbs.	\$2.00
8 in.	4 $\frac{1}{4}$ in.	50 lbs.	36 in.	16 lbs.	3.00

CESSPOOL PLATES

Square



Fig. 152A

Round



Fig. 152 1/2 A

Size	4 in.	5 in.	6 in.	7 in.	8 in.	9 in.	10 in.	12 in.
Square, each	\$.20	\$.25	\$.30	\$.40	\$.60	\$.70	\$.80	\$1.20
Round, each	.20	.25	.30	.40	.60	.70	.80	1.20

CONNOLLY SADDLE HUBS



Fig. 166A



Fig. 167A



Fig. 168A

Size	Tee Hubs		Y and 1/2 Y Hubs	
	Standard	Ex. Heavy	Standard	Ex. Heavy
2 x 2	.30	.40	.35	.45
3 x 2	.50	.65	.55	.70
3 x 3				
4 x 2	.60	.80	.70	.90
4 x 3				
4 x 4				
5 x 2	.75	1.00	.90	1.15
5 x 3				
5 x 4				
5 x 5				
6 x 2	1.10	1.40	1.25	1.55
6 x 3				
6 x 4				
6 x 5				
6 x 6				

PIPE STRAINERS



Fig. 169A

Diam. of Strainer	To fit hub of	List Each
3 in.	2-inch Soil Pipe	\$.10
4 in.	3-inch Soil Pipe . . . . .	.15
5 in.	4-inch Soil Pipe . . . . .	.20
5½ in.	4-inch Sewer Pipe . . . . .	.25
6 in.	5-inch Soil Pipe . . . . .	.25
6½ in.	5-inch Sewer Pipe . . . . .	.30
7 in.	6-inch Soil Pipe . . . . .	.35
7½ in.	6-inch Sewer Pipe . . . . .	.35
8 in.	7-inch Soil Pipe . . . . .	.50
8½ in.	7-inch Sewer Pipe . . . . .	.60
9 in.	8-inch Soil Pipe . . . . .	.60
9½ in.	8-inch Sewer Pipe . . . . .	.75
10½ in.	9-inch Sewer Pipe . . . . .	.90
11½ in.	10-inch Sewer Pipe	1.30
14½ in.	12-inch Sewer Pipe	3.00

When ordering always give diameter of Strainer wanted.

BAR CESSPOOL PLATES



Fig. 169½A

Size	List Each
4 inches square	\$.20
5 " " . . . . .	.25
6 " " . . . . .	.30
7 " " . . . . .	.40
8 " " . . . . .	.60
9 " " . . . . .	.70
10 " " . . . . .	.80
11 " "	1.00
12 " "	1.20

NEVER TIP STEEL WASH TRAY LEGS

Made of angle steel with foot 6 inches long to prevent tipping.

No.	Height	Width	List Each
201	16 in.	15 in.	\$.70
202	16 in.	16 in.	.75
203	18 in.	16 in.	.80
204	18 in.	18 in.	.85
205	16 in.	17 in.	.80
206	16 in.	18 in.	.80

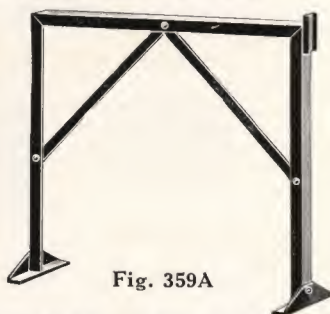


Fig. 359A

STEEL LAUNDRY TRAY FRAMES—BLACKED

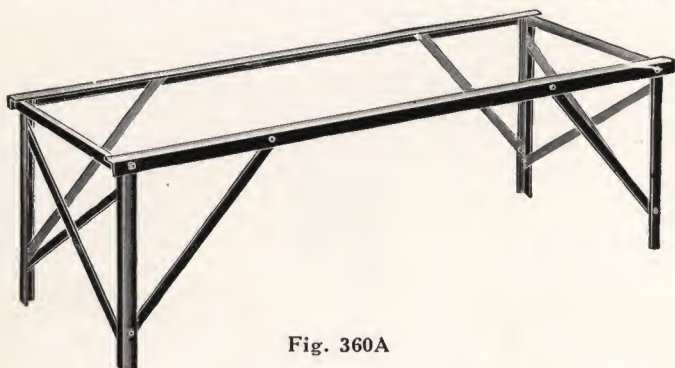


Fig. 360A

No.	Length	Width	Height	List each
2	24 in.	15 in.	18 in.	\$2.00
102	24 in.	17 in.	18 in.	2.00
6	40 in.	15 in.	18 in.	2.00
106	40 in.	17 in.	18 in.	2.00
7	46 in.	15 in.	18 in.	2.50
107	46 in.	17 in.	18 in.	2.50
8	52 in.	15 in.	18 in.	2.75
108	52 in.	17 in.	18 in.	2.75
10	64 in.	15 in.	18 in.	3.00
110	64 in.	17 in.	18 in.	3.00

All sizes not listed take list price of \$5.00

These frames are very strongly made of angle steel. They fold compactly into bundles convenient for shipping. Can be set up by one man and make a very rigid support.

15-inch width recommended for use with cement trays

17-inch width recommended for use with stone trays

SINK LEGS



Fig. 156A

No.		List each	
		Plain	Galv'd
1,	Raises top of sink 26 inches from floor . .	\$.55	\$.95
2,	Raises top of sink 28 inches from floor . .	.55	.95

ADJUSTABLE SINK LEGS

24 inches high, adjustable to sinks from 18 to 24 inches wide.

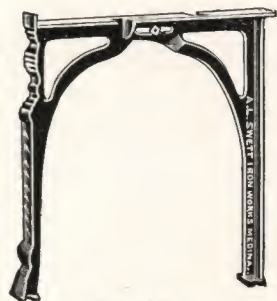


Fig. 157A

	List each	
	Plain	Galv'd
Price	\$2.20	\$3.70

WASH TRAY LEGS

No. 1

Nos. 2, 2x, 3, 4, 5

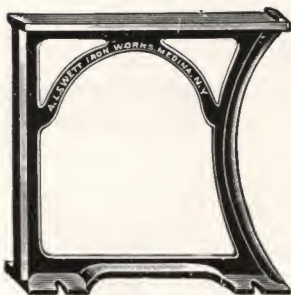


Fig. 158A

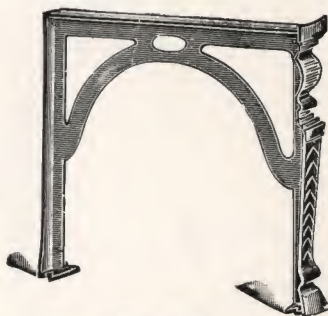


Fig. 159A

No.	Height	Width	List each	
			Plain	Galv'd
1,	15 inches	15 inches	\$.85	\$1.50
2,	16 inches	18 inches	1.00	1.90
2x,	16 inches	17 inches	.85	1.50
3,	18 inches	16 inches	1.10	2.00
4,	18 inches	18 inches	1.15	2.10
5,	15 inches	14 inches	.85	1.50

BOILER STANDS



Fig. 155A

			List Each	
			Plain	Galv'd
11½-inch ring	.	.	\$1.25	\$2.50
12 " "	.	.	1.25	2.50
12½ " "	.	.	1.25	2.50
13 " "	.	.	1.30	2.60
14 " "	.	.	1.40	2.70
14½ " "	.	.	1.40	2.70
15 " "	.	.	1.50	3.00
16 " "	.	.	1.75	3.25
17 " "	.	.	2.00	4.00
18 " "	.	.	2.50	4.75
20 " "	.	.	3.00	5.50
22 " "	.	.	3.50	6.50
24 " "	.	.	4.00	7.50

Height, 19 inches

For any of the above, 30 inches high, add 40 cents each to list plain and 80 cents galvanized.

BOILER STANDS

Special New England Pattern

			List Each	
			Plain	Galv'd
11½-inch ring	.	.	\$1.25	\$2.50
12 " "	.	.	1.25	2.50
12½ " "	.	.	1.25	2.50
13 " "	.	.	1.30	2.60
14 " "	.	.	1.40	2.70
14½ " "	.	.	1.40	2.70

Height, 19 inches



Fig. 151A

For parts see next page 27.

BOILER STAND PARTS

For Fig. 155A and Fig. 151A

Size Stand	Ring	Yoke	Stub	Base
11½ in.	\$.32	\$.40	\$.14	\$.40
12 in.	.36	.40	.14	.40
12½ in.	.36	.40	.14	.40
13 in.	.40	.40	.14	.40
14 in.	.50	.40	.14	.40
14½ in.	.50	.40	.14	.40
15 in.	.75	.40	.14	.40
16 in.	.85	.40	.14	.40
17 in.	1.00	.70	.14	.75
18 in.	1.10	.70	.14	.75
20 in.	1.40	.70	.14	.75
22 in.	1.90	.70	.14	.75
24 in.	2.40	.70	.14	.75

ADJUSTABLE BOILER STAND

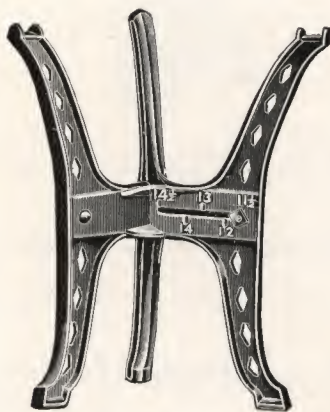


Fig. 358A

	List Each	
	Plain	Galv'd
No. 10 Adjustable Boiler Stand	\$.60	\$1.20

Unusually strong and rigid and designed so that the adjustment to different sizes is positive and easily made.

PALMER BACK WATER TRAPS



Fig. 164A
Clutch Cover

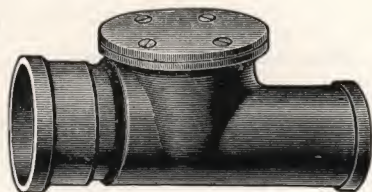


Fig. 1640A
Bolted Cover

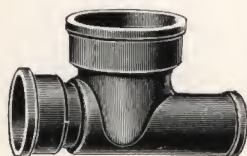
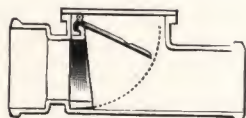


Fig. 1641A

With hub for Pipe Extension



Sectional View of Traps

	2 in.	3 in.	4 in.	5 in.	6 in.	8 in.
Fig. 164A	\$6.00	\$6.50	\$7.50	\$9.00	\$10.00	\$15.00
Fig. 1640A	6.00	6.50	7.50	9.00	10.00	15.00
Fig. 1641A	6.00	....	7.50	....	10.00	.....

These traps are made with white metal valves which are securely cemented in with waterproof cement. Bodies and covers are of cast iron.

Fig. 164A will be furnished on all orders unless otherwise specified.

For lists on parts see next page 29



Fig. 1650A

Extension for Use with Palmer Trap 1641A

Size	Length	For Trap	List Each
4 in.	24 in.	2 in.	\$ 4.00
6 in.	24 in.	4 in.	6.00
8 in.	24 in.	6 in.	10.00

REPAIR PARTS FOR PALMER BACK WATER TRAPS

	2 in.	3 in.	4 in.	5 in.	6 in.	8 in.
Bolted Cover . . .	\$.70	\$.90	\$1.10	\$1.30	\$1.60	\$2.00
Clutch Cover . . .	.70	.90	1.10	1.30	1.60	2.00
Flapper . . .	.90	1.10	1.30	1.50	1.80	2.40
Ring . . .	1.10	1.30	1.50	1.70	2.10	2.70

PALMER SEWER VALVES

Made of White Metal



Fig. 165A

	2 in.	3 in.	4 in.	5 in.	6 in.	8 in.
Fig. 165-A . . .	\$1.00	\$1.20	\$1.60	\$2.00	\$2.40	\$3.20

REPAIR PARTS FOR PALMER SEWER VALVE

	2 in.	3 in.	4 in.	5 in.	6 in.	8 in.
Ring . . .	\$.75	\$.85	\$1.10	\$1.40	\$1.60	\$2.50
Flapper . . .	.40	.50	.60	.75	.90	1.25



ADJUSTABLE SINK BRACKETS

No.	Size	Per Pair	
		Plain	Galv'd
0,	9½ x 11½ in.	\$.40	\$.65
1,	10½ x 13½ in.	.40	.65
2,	12 x 16 in.	.50	.85
3,	16 x 18 in.	.75	1.30

0, Takes sink 12 to 15 in. wide.

1, Takes sink 14 to 18 in. wide.

2, Takes sink 18 to 23 in. wide.

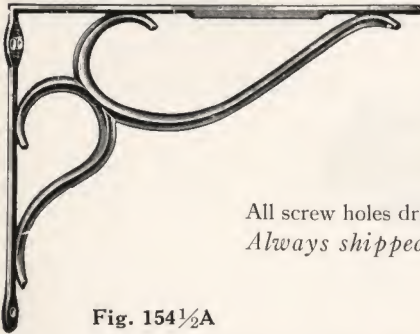
3, Takes sink 18 to 26 in. wide.

Fig. 154A

All screw holes drilled and countersunk

ADJUSTABLE SINK BRACKETS

Our Improved Pattern



		Per Pair
No. 5 Plain		\$.50
No. 5 Galvanized		.90
No. 5 Aluminum		
Finish		.60
12 x 15 in., adjusts to sinks		
14 to 22 in. wide.		

All screw holes drilled and countersunk.

Always shipped plain unless otherwise specified.

Fig. 154½A

EXTENSION SINK BRACKET

An excellent bracket for enameled sinks.

The extension arm extends under the rim of the sink around front and will hold the sink firmly in place and can be used on sinks up to 22 inches wide.

		Per Pair
No. 10 Plain		\$.90
No. 10 Galvanized		1.35

All screw holes drilled and countersunk.



Fig. 328A

DANDY CLEANOUTS

This cleanout has an iron body and flanged brass cover. The cover screws into the casting and can be removed easily, as the iron and brass will not rust together.

Size	List each	
	Standard	Ex. Heavy
2 inch	\$.75	\$1.00
3 inch	1.00	1.25
4 inch	1.40	1.65
5 inch	1.80	2.10
6 inch	2.20	2.50
8 inch		8.00

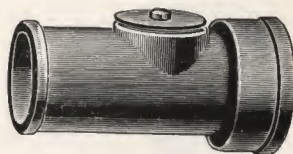


Fig. 163A

DANDY CLEANOUTS

Boston Regulation

Brass Plug with Taper Thread

Has Opening Large Enough to Take Test Plug



Fig. 163 1/2A

Size	List each
2 inch	\$1.20
3 inch	1.45
4 inch	1.90
5 inch	2.40
6 inch	3.00
8 inch	9.25

IRON DRIVE FERRULES

To insert into Lead Pipe



Fig. 139A

Size	List each
2 inch	\$.12
3 inch . . . . .	.16
4 inch . . . . .	.20
4 inch x 1 1/2 inch deep . . . . .	.18

STANDARD TRAP SCREW FERRULES

With Iron Body and Brass Flanged Cover

Being made in this way they cannot rust together, and the cover can be removed without difficulty.



Fig. 160A

Size	List Each
2 inch	\$.30
3 inch . . . . .	.40
4 inch . . . . .	.50
5 inch . . . . .	.90
6 inch	1.20
8 inch	2.50

STANDARD TRAP SCREW FERRULES

Cleveland Regulation

With Iron Body and Brass Plug Cover, Taper Thread



Fig. 161A

Size	List Each
2 inch	\$.30
3 inch . . . . .	.40
4 inch . . . . .	.50
5 inch . . . . .	.90
6 inch	1.20
8 inch	2.50

STANDARD TRAP SCREW FERRULES

Competition Pattern

Iron body with
Brass Flanged Cover

Same style as Fig. 160A
with small opening

Fig. 160 $\frac{1}{2}$ A

Size	List Each
2 inch	\$0.30
3 inch . . . . .	.40
4 inch . . . . .	.50
5 inch . . . . .	.90
6 inch	1.20
8 inch	2.50

Iron body with
Brass Plug Cover
Taper thread

Same style as Fig. 161A
with small opening

Fig. 161 $\frac{1}{2}$ A

Size	List Each
2 inch	\$0.30
3 inch . . . . .	.40
4 inch . . . . .	.50
5 inch . . . . .	.90
6 inch	1.20
8 inch	2.50

NEW YORK REGULATION TRAP SCREW FERRULE. TAPER THREAD

Boston or Ohio Code

This is an extra heavy ferrule with iron body, brass plug cover and taper thread. Takes Test Plug.



Fig. 162A

Size	List Each
2 inch	\$.60
3 inch	.72
4 inch	.85
5 inch	1.65
6 inch	1.95
8 inch	4.50

NEW YORK CITY REGULATION TRAP SCREW FERRULES

With Solid Nut 1 in. High

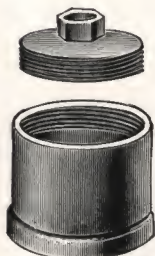
This is an extra heavy ferrule with iron body, brass plug cover and taper thread. Takes Test Plug.



Fig. 1620A

Size	List Each
2 inch	\$.60
3 inch	.72
4 inch	.85
5 inch	1.65
6 inch	1.95
8 inch	4.50

NEW YORK COMPETITION TRAP SCREW FERRULES



Size	List Each
2 inch	\$.60
3 inch	.72
4 inch	.85
5 inch	1.65
6 inch	1.95
8 inch	4.50

Fig. 1621A

FRESH AIR INLETS

No. 1

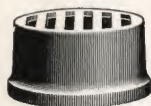


Fig. 170A

No. 2



Fig. 171A

No. 3



Fig. 172A

No.

List Each

1,	To fit in hub end of 4-inch pipe	\$.25
1,	To fit in hub end of 5-inch pipe . . . . .	.40
2,	To fit in spigot end of 4-inch pipe . . . . .	.25
3,	To fit in spigot end of 4-inch pipe . . . . .	.40

The No. 3 vent is fastened firmly in place by means of the screw drawing the cross piece against the dogs and crowding them tightly against the pipe.

SPECIAL IRON VENT FITTINGS

For Connecting Wrought Iron and Soil-Pipe

Calking Sleeve
No. 3-4

Vent Hub
No. 1-1½



Fig. 173A

Calking Sleeve
No. 2



Fig. 174A



Fig. 175A

No.

List Each

1,	Vent Hub can be used as 2-inch hub or 3-inch spigot, and tapped for 1¼, 1½ or 2-inch gas pipe.	\$.25
1½,	Vent Hub can be used as 3-inch hub or 4-inch spigot, and tapped for 1¼, 1½ or 2-inch gas pipe. . . . .	.35
2,	Calking Sleeve. 2-inch spigot, and tapped for 1¼ or 1½-inch gas pipe. . . . .	.20
3,	Calking Sleeve. 2-inch spigot, 5½ inches long, and tapped for 1¼ or 1½-inch gas pipe. . . . .	.25
4,	Calking Sleeve. 2-inch spigot, 5½ inches long, and tapped for 2-inch gas pipe. . . . .	.35

BELL BOTTOM JACK SCREWS

These Jack Screws have cast-iron stands, with forged head screws.

For workmanship and durability they cannot be excelled.

CAPACITIES

1 $\frac{1}{4}$ -inch diameter screw	. .	10 tons
1 $\frac{1}{2}$ -inch diameter "	. .	12 tons
1 $\frac{3}{4}$ -inch diameter "	. .	16 tons
2 -inch diameter "	. .	20 tons
2 $\frac{1}{4}$ -inch diameter "	. .	24 tons
2 $\frac{1}{2}$ -inch diameter "	. .	28 tons
3 -inch diameter "	. .	36 tons



Fig. 120A

Diam. of Screw, Inches	Height of Stand, Inches	Height Over all, Inches	List Each	Diam. of Screw, Inches	Height of Stand, Inches	Height Over all, Inches	List Each
1 $\frac{1}{4}$	4	6 $\frac{3}{4}$	\$ 2.90	2 $\frac{1}{4}$	6	10	\$ 7.00
1 $\frac{1}{4}$	6	8 $\frac{3}{4}$	3.10	2 $\frac{1}{4}$	8	12	7.50
1 $\frac{1}{4}$	8	10 $\frac{3}{4}$	3.40	2 $\frac{1}{4}$	10	14	8.25
1 $\frac{1}{4}$	10	12 $\frac{3}{4}$	3.80	2 $\frac{1}{4}$	12	16	9.00
1 $\frac{1}{4}$	12	14 $\frac{3}{4}$	4.20	2 $\frac{1}{4}$	14	18	10.00
1 $\frac{1}{4}$	14	16 $\frac{3}{4}$	4.60	2 $\frac{1}{4}$	16	20	11.00
				2 $\frac{1}{4}$	18	22	12.00
1 $\frac{1}{2}$	4	7	3.25	2 $\frac{1}{4}$	20	24	13.25
1 $\frac{1}{2}$	6	9	3.75	2 $\frac{1}{4}$	22	26	14.50
1 $\frac{1}{2}$	8	11	4.25	2 $\frac{1}{4}$	24	28	15.75
1 $\frac{1}{2}$	10	13	4.75				
1 $\frac{1}{2}$	12	15	5.25				
1 $\frac{1}{2}$	14	17	6.00				
1 $\frac{1}{2}$	16	19	6.75	2 $\frac{1}{2}$	6	10 $\frac{1}{2}$	7.75
				2 $\frac{1}{2}$	8	12 $\frac{1}{2}$	8.75
1 $\frac{3}{4}$	5	8	4.25	2 $\frac{1}{2}$	10	14 $\frac{1}{2}$	9.75
1 $\frac{3}{4}$	6	9 $\frac{1}{2}$	4.50	2 $\frac{1}{2}$	12	16 $\frac{1}{2}$	10.75
1 $\frac{3}{4}$	8	11 $\frac{1}{2}$	5.00	2 $\frac{1}{2}$	14	18 $\frac{1}{2}$	12.00
1 $\frac{3}{4}$	10	13 $\frac{1}{2}$	5.75	2 $\frac{1}{2}$	16	20 $\frac{1}{2}$	13.25
1 $\frac{3}{4}$	12	15 $\frac{1}{2}$	6.25	2 $\frac{1}{2}$	18	22 $\frac{1}{2}$	14.50
1 $\frac{3}{4}$	14	17 $\frac{1}{2}$	6.75	2 $\frac{1}{2}$	20	24 $\frac{1}{2}$	15.75
1 $\frac{3}{4}$	16	19 $\frac{1}{2}$	7.50	2 $\frac{1}{2}$	22	26 $\frac{1}{2}$	17.00
1 $\frac{3}{4}$	18	21 $\frac{1}{2}$	8.50	2 $\frac{1}{2}$	24	28 $\frac{1}{2}$	18.25
2	5	9	5.00				
2	6	10	5.25	3	14	18 $\frac{1}{2}$	19.50
2	8	12	6.00	3	16	20 $\frac{1}{2}$	20.75
2	10	14	6.75	3	18	22 $\frac{1}{2}$	22.00
2	12	16	7.50	3	20	24 $\frac{1}{2}$	23.25
2	14	18	8.25	3	22	26 $\frac{1}{2}$	24.50
2	16	20	9.25	3	24	28 $\frac{1}{2}$	25.75
2	18	22	10.25	3	30	34 $\frac{1}{2}$	30.00
2	20	24	11.50				
2	22	26	12.50				
2	24	28	13.50				

Levers will be sent **only** when ordered and will be charged for **extra**.

For extra parts see page 40.

CAR BOX JACK SCREWS



Fig. 121A

These Jack Screws are made with swivel caps, closed at the tops to prevent dirt from entering between the cap and screw, and of the same diameter as the head.

The cap is held in place by a set-screw running in a groove cut in the top of the screw.

Car Box Jack Screws can be furnished in all sizes, listed on previous page.

List price 50 cents higher than Bell Bottom Jack Screws.

TEE HEAD JACK SCREWS

These Jack Screws are similar to the Bell Bottom Jack Screw, Fig. 120A, but are made with a tee head.

Tee Head Jack Screws can be furnished in all sizes as shown under Fig. 120A.

List prices same as Bell Bottom Jack Screws.



Fig. 122A

For extra parts see page 40.



Fig. 123A

BELL BOTTOM RATCHET JACK SCREWS

Made with heavy cast iron stand and cap, steel screw and ratchet, malleable handle.

CAPACITIES

1 $\frac{1}{4}$ inch diameter screw	.	.	.	12 tons
1 $\frac{1}{2}$ -inch	"	"	.	16 "
1 $\frac{3}{4}$ -inch	"	"	.	20 "
2 -inch	"	"	.	24 "
2 $\frac{1}{4}$ -inch	"	"	.	28 "
2 $\frac{1}{2}$ -inch	"	"	.	32 "
3 -inch	"	"	.	40 "

Diam. of Screw, Inches	Height of Stand, Inches	Height Over all, Inches	List Each	Diam. of Screw, Inches	Height of Stand, Inches	Height Over all, Inches	List Each
1 $\frac{1}{4}$	4	7 $\frac{1}{4}$	\$ 9.80	2 $\frac{1}{4}$	6	12	\$18.00
1 $\frac{1}{4}$	6	9 $\frac{1}{4}$	10.10	2 $\frac{1}{4}$	8	14	19.00
1 $\frac{1}{4}$	8	11 $\frac{1}{4}$	10.40	2 $\frac{1}{4}$	10	16	20.00
1 $\frac{1}{4}$	10	13 $\frac{1}{4}$	10.80	2 $\frac{1}{4}$	12	18	21.00
1 $\frac{1}{4}$	12	15 $\frac{1}{4}$	11.20	2 $\frac{1}{4}$	14	20	22.00
1 $\frac{1}{4}$	14	17 $\frac{1}{4}$	11.60	2 $\frac{1}{4}$	16	22	23.00
1 $\frac{1}{2}$	4	7 $\frac{1}{2}$	11.25	2 $\frac{1}{4}$	18	24	24.00
1 $\frac{1}{2}$	6	9 $\frac{1}{2}$	11.75	2 $\frac{1}{4}$	20	26	25.00
1 $\frac{1}{2}$	8	11 $\frac{1}{2}$	12.25	2 $\frac{1}{4}$	22	28	26.00
1 $\frac{1}{2}$	10	13 $\frac{1}{2}$	12.75	2 $\frac{1}{4}$	24	30	27.00
1 $\frac{1}{2}$	12	15 $\frac{1}{2}$	13.25	2 $\frac{1}{2}$	6	12	19.50
1 $\frac{1}{2}$	14	17 $\frac{1}{2}$	14.00	2 $\frac{1}{2}$	8	14	20.50
1 $\frac{1}{2}$	16	19 $\frac{1}{2}$	14.75	2 $\frac{1}{2}$	10	16	21.50
1 $\frac{3}{4}$	5	9	13.25	2 $\frac{1}{2}$	12	18	22.50
1 $\frac{3}{4}$	6	10	13.50	2 $\frac{1}{2}$	14	20	23.50
1 $\frac{3}{4}$	8	12	14.00	2 $\frac{1}{2}$	16	22	24.50
1 $\frac{3}{4}$	10	14	14.75	2 $\frac{1}{2}$	18	24	25.50
1 $\frac{3}{4}$	12	16	15.25	2 $\frac{1}{2}$	20	26	26.50
1 $\frac{3}{4}$	14	18	15.75	2 $\frac{1}{2}$	22	28	27.75
1 $\frac{3}{4}$	16	20	16.50	2 $\frac{1}{2}$	24	30	29.00
1 $\frac{3}{4}$	18	22	17.50	2 $\frac{1}{2}$	28	34	33.00
				2 $\frac{1}{2}$	32	38	37.00
2	5	9	14.50	3	14	20	32.00
2	6	10	15.25	3	16	22	33.50
2	8	12	16.00	3	18	24	35.00
2	10	14	16.75	3	20	26	37.00
2	12	16	17.50	3	22	28	38.50
2	14	18	18.25	3	24	30	40.00
2	16	20	19.00	3	30	36	48.00
2	18	22	19.75				
2	20	24	20.50				
2	22	26	21.50				
2	24	28	22.50				

Levers will be sent **only** when ordered and will be charged for **extra**.

For extra parts see page 40.



Fig. 124A

PRESS AND HOUSE RAISING SCREWS

For Pressing Tobacco, Lard, Cider, Wine, etc.
Also for House Raising. Screw and head made from
Steel, cap and nut cast iron.

Capacity same as Bell Bottom Jack Screws of
same diameter and length.

Note—The height shown is over all.

Diam. of Screw, Inches	Height Over all, Inches	List Each	Diam. of Screw, Inches	Height Over all, Inches	List Each	Diam. of Screw, Inches	Height Over all, Inches	List Each
1 1/4	8	\$ 2.60	2 1/4	12	\$ 7.50	2 1/2	36	\$14.90
1 1/4	10	2.80	2 1/4	14	7.90	2 1/2	38	15.50
1 1/4	12	3.00	2 1/4	16	8.30	2 1/2	40	16.00
1 1/4	14	3.20	2 1/4	18	8.80	2 1/2	42	16.50
			2 1/4	20	9.30	2 1/2	44	17.10
1 1/2	10	3.50	2 1/4	22	9.80	2 1/2	46	17.60
1 1/2	12	3.75	2 1/4	24	10.30	2 1/2	48	18.10
1 1/2	14	4.00	2 1/4	26	10.70	2 1/2	50	18.60
1 1/2	16	4.25	2 1/4	28	11.10	2 1/2	52	19.10
1 1/2	18	4.50	2 1/4	30	11.50	2 1/2	54	19.70
			2 1/4	32	11.90	2 1/2	56	20.30
			2 1/4	34	12.30	2 1/2	58	20.80
1 3/4	12	4.80	2 1/4	36	12.70	2 1/2	60	21.30
1 3/4	14	5.10	2 1/4	38	13.20			
1 3/4	16	5.40	2 1/4	40	13.60	3	24	19.20
1 3/4	18	5.70	2 1/4	42	14.10	3	26	20.00
1 3/4	20	6.00	2 1/4	44	14.60	3	28	20.80
			2 1/4	46	15.00	3	30	21.60
2	12	6.00	2 1/4	48	15.40	3	32	22.40
2	14	6.40	2 1/4	50	16.00	3	34	23.20
2	16	6.80				3	36	24.00
2	18	7.20	2 1/2	12	8.50	3	38	24.80
2	20	7.60	2 1/2	14	9.00	3	40	25.60
2	22	8.00	2 1/2	16	9.60	3	42	26.40
2	24	8.40	2 1/2	18	10.20	3	44	27.20
2	26	8.80	2 1/2	20	10.80	3	46	28.00
2	28	9.20	2 1/2	22	11.30	3	48	28.80
2	30	9.60	2 1/2	24	11.90	3	50	29.60
2	32	10.00	2 1/2	26	12.40	3	52	30.40
2	34	10.40	2 1/2	28	12.90	3	54	31.20
2	36	10.80	2 1/2	30	13.40	3	56	32.00
2	38	11.20	2 1/2	32	13.90	3	58	32.80
2	40	11.60	2 1/2	34	14.40	3	60	33.60

For extra parts see page 40.

ADJUSTABLE CABLE REEL JACKS



Fig. 127A

No. 1 with Plain Head

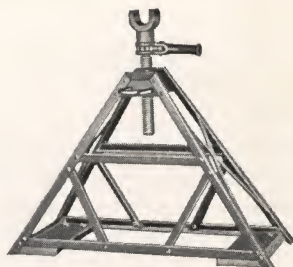


Fig. 1270A

No. 2 with Ratchet Head

The above cuts show our new pattern Cable Reel Jacks which have been designed to fill the need for a very strong jack that will carry a heavy load, and at the same time be light enough so as to be easily portable. These jacks will swing a 7,000 lb. reel, and are made in two sizes, either with or without ratchet heads.

No. 1 Cable Reel Jack

Size of Screw . . .	1 $\frac{3}{4}$ in.	When screw is up to limit	
Length of screw . . .	14 in.	bearing point in yoke	31 in.
Height of stand only	16 in.	Length of base . . .	26 in.
Height of stand to		Width of base . . .	12 in.
bearing point in		Weight of stand . . .	54 lb.
yoke . . .	20 $\frac{1}{2}$ in.		

No. 2 Cable Reel Jack

Size of screw . . .	1 $\frac{3}{4}$ in.	When screw is up to limit	
Length of screw . . .	16 in.	bearing point in yoke	42 in.
Height of stand only	26 in.	Length of base . . .	40 in.
Height of stand to		Width of base . . .	16 in.
bearing point in		Weight of stand . . .	65 lb.
yoke . . .	30 $\frac{1}{2}$ in.		

No.		List Pair
1,	Cable Reel Jacks with Forged Heads . . .	\$45.00
1A,	Cable Reel Jacks with Ratchet Heads . . .	61.00
2,	Cable Reel Jacks with Forged Heads . . .	55.00
2A,	Cable Reel Jacks with Ratchet Heads . . .	71.00

For extra parts see page 40.

PRESS AND HOUSE RAISING SCREWS WITH RATCHET HEAD

Add to list Fig. 124A as follows

1 $\frac{1}{4}$ inch	. . . .	\$7.00	2 $\frac{1}{4}$ inch	. . . .	\$12.00
1 $\frac{1}{2}$ inch	. . . .	8.00	2 $\frac{1}{2}$ inch	. . . .	13.00
1 $\frac{3}{4}$ inch	. . . .	9.00	3 inch	. . . .	14.00
2 inch	. . . .	10.00			

JACK SCREW REPAIRS

	Caps Fig. 120A	Carbox Fig. 121A	Caps Fig. 122A	Tee Head Fig. 123A	Ratchet Cap Fig. 124A	Cap Fig. 124A	Nut Fig. 124A
1¼ in.	\$.25	\$1.25	\$.30	\$1.25	\$.25		\$1.20
1½ in.	.35	1.40	.40	1.40	.30		1.60
1¾ in.	.40	1.50	.50	1.50	.35		2.00
2 in.	.60	1.75	.75	1.75	.40		2.75
2¼ in.	.80	2.00	.90	2.00	.45		3.25
2½ in.	1.25	2.50	1.35	2.50	.50		3.50
3 in.	1.40	3.00	1.50	3.00	.60		4.25

JACK SCREW BARS

Diam. Screw		Diam. Screw	
1 $\frac{1}{4}$ in.	. . . . \$ .45	2 $\frac{1}{4}$ in.	. . . . \$ .90
1 $\frac{1}{2}$ in.	. . . . .65	2 $\frac{1}{2}$ in.	. . . . 1.10
1 $\frac{3}{4}$ in.	. . . . .65	3 in.	. . . . 1.65
2 in.	. . . . .90		

CABLE REEL STAND REPAIRS

	Fig. 128A	Fig. 129A	Fig. 127A	Fig. 1270A
Yokes	\$.80	\$1.20	\$.75	\$.75
Nuts	2.40	2.40	4.00	4.00

STANDARD COMBINATION REELS



Fig. 186A

The above reel can be easily attached to any truck, wagon or other support very conveniently.

The portion shown to be threaded is an extra heavy gas pipe extending through the platform to the spider at the top, at which point it is set in a machined socket, this forming a bearing for the platform to revolve on. On the bottom of the platform is a casting-keeper which is bolted to the platform and holds the upright pipe in position.

The platform is made of the highest quality oak, bound with 1"x1"x $\frac{1}{4}$ " angle, and the reel is painted with a high grade metallic paint.

List each \$27.00

ASH PIT OR FLUE DOORS

Japanned

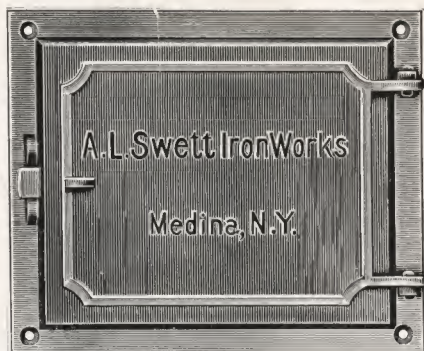


Fig. 111A

These doors are made with reversible catch and can be used either right hand or left hand. Holes for Anchor Bolts Cast in Corners.

No.	Size of Opening																				List
	Height	Width																			Per Doz.
X	6 in.	8 in.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	\$11.60
00	5 in.	7 in.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	11.20
0	7 in.	9 in.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12.00
1	8 in.	8 in.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12.00
2	8 in.	10 in.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13.20
3	10 in.	12 in.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	18.00
4	10 in.	14 in.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	20.00
4½	12 in.	12 in.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	24.00
5	12 in.	15 in.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	30.00
5½	12 in.	16 in.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	33.00
6	16 in.	16 in.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	50.00
7	16 in.	20 in.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	60.00
8	24 in.	16 in.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	85.00

Doors or Frames furnished separately at half of the above list.

ASH DUMPS

No. 1



Fig. 115A

No. 2-2½

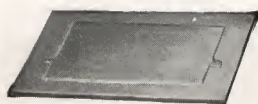


Fig. 116A

No. 3



Fig. 117A

No.		List Each
1,	6½ x 8½ double plate	\$.80
2,	7 x 9 single plate . . . . .	.40
2½,	7 x 9 single plate with flange . . . . .	.50
3,	7 x 9 single plate, heavy frame . . . . .	.80

No.	Frames Only	List Each	No.	Covers Only	List Each
1	\$.50	1	. . . . .	\$ .20
220	2	. . . . .	.20
2½30	2½	. . . . .	.20
350	3	. . . . .	.35

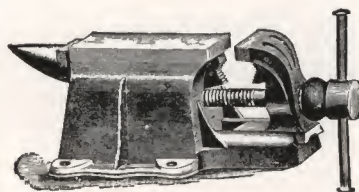
COMBINATION ANVIL AND VISE
With Jaws for Holding Pipe

Fig. 118A

This tool is made with chilled face and jaws. Face 3 inches wide, 7 inches long. Jaws 3 inches wide and open 4 inches.

Approximate Weight 25 lbs.

	List Each
Anvil and vise complete	\$5.00
Jaws only . . . . .	.75
Screws only with handle	1.40
Body only	3.00

IRON STONE BOAT HEAD

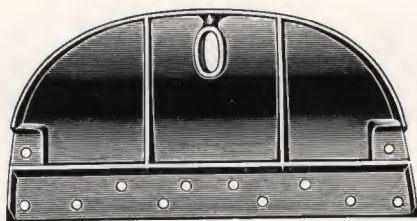


Fig. 113A

A practical and durable arrangement for making a stone boat from straight plank. One Iron Head will last for years.

Width, 34 in., weight 85 lbs List \$8.00

STONE BOAT COMPLETE

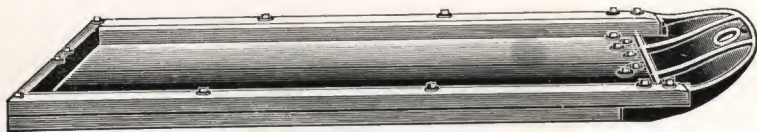


Fig. 114A

These Stone Boats are carefully made of 2-inch stock and well finished. The head is painted black and woodwork red, List \$20.00

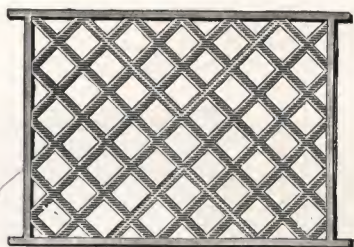


Fig. 109A

VENTILATOR GRATES

Japanned

For use in foundations or other places where ventilation is desired.

No.	Size	List Per Doz.
1	6 x 8 inches	\$ 6.00
2	6 x 12 "	7.50
3	7 x 14 "	10.00
3½	8 x 8 "	8.00
4	8 x 10 "	8.20
5	8 x 12 "	9.60
6	8 x 16 "	12.00
7	10 x 12 "	12.00
8	12 x 12 "	14.00
9	12 x 14 "	16.00
10	12 x 18 "	18.00
11	12 x 24 "	21.00

DUMB BELLS

Japanned



Fig. 102A

Sizes, from 1 to 75 lbs. each . . . price per lb. . . . cts.

Bar Bells—sizes, same as Dumb Bells—with any length of bar desired.

QUOITS

Japanned



Fig. 103A

Set of 4	6 lbs.
Set of 4	8 lbs.
Set of 4	10 lbs.
Set of 4	11 lbs.
Set of 4	14 lbs.
Set of 4	16 lbs.
Price per lb. . . . cts.	

SWAGE BLOCKS

Nos. 5-6-7

No. 1

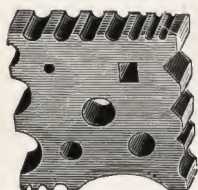


Fig. 66A

Nos. 2-3-4

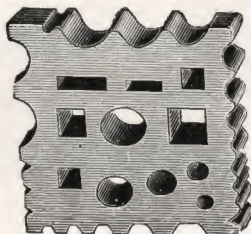


Fig. 67A

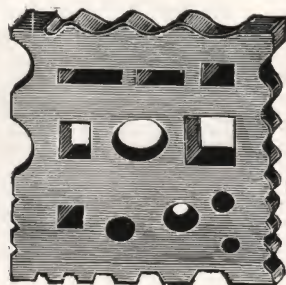


Fig. 68A

No.	Size	Estimated Weight
1	$12\frac{1}{2} \times 12\frac{1}{2} \times 3\frac{1}{2}$	100 lbs.
2	$13\frac{1}{2} \times 13\frac{1}{2} \times 4$	125 lbs.
3	$15 \times 15 \times 4$	150 lbs.
4	$16 \times 16 \times 4$	200 lbs.
5	$18 \times 18 \times 4\frac{1}{2}$	250 lbs.
6	$19\frac{1}{2} \times 19\frac{1}{2} \times 4\frac{1}{2}$	300 lbs.
7	$24 \times 24 \times 6$	600 lbs.

No. 8

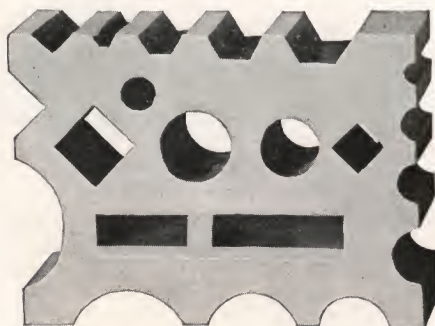


Fig. 69A

No.	Size	Estimated Weight
8	$13 \times 18 \times 4\frac{1}{4}$	150 lbs.
		Pre lb. cts.

DUCK NEST TUYERE IRONS

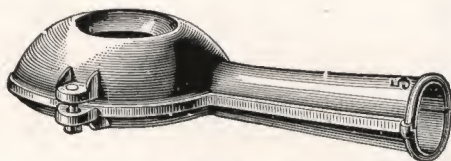


Fig. 60A

No. 0, 12 lbs., Single-faced each \$1.50

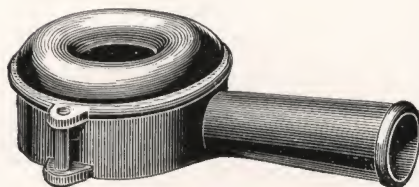


Fig. 62A

No. 1, Duck Nest, 16 lbs., Single-faced each 2.00

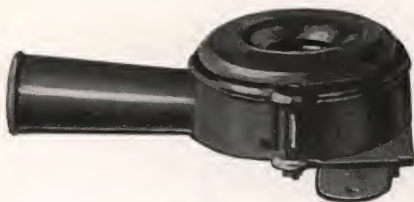


Fig. 65A

No. 1, with Slide Iron each \$3.00

CEMENT AND SOD TAMPERS

Extra Large Wood Handles $2\frac{1}{4}$ in. DiameterFig. 92 $\frac{1}{2}$ AFig. 93 $\frac{1}{2}$ A

No.	Size of Face	Lbs. Each
2	5 in. diameter	15
3	6 in. "	20
4	6 in. "	31
4 $\frac{1}{2}$	7 in. "	10
5	6 x 6 in. square	12
5 $\frac{1}{2}$	7 x 7 in. "	15
6	8 x 8 in. "	17
6 $\frac{1}{2}$	9 x 9 in. "	18
7	10 x 10 in. "	20
8	12 x 12 in. "	26
10	4 x 8 in. "	14
11	5 x 7 in. "	15
12	6 x 8 in. "	17
13	8 x 10 in. "	19

Price per lb. . . . cts.

Other sizes and weights made to order at proportionate prices.

CEMENT AND SOD TAMPERS With Gas Pipe Handles



Fig. 91A



Fig. 92A



Fig. 93A

No.	Size of Face	Lbs. Each
1	$2\frac{3}{4} \times 4\frac{1}{4}$ in.	18
2	5 in. diameter	19
3	6 in. " "	24
4	6 in. " "	34
5	6 x 6 in. square	16
$5\frac{1}{2}$	7 x 7 in. " "	19
6	8 x 8 in. " "	21
$6\frac{1}{2}$	9 x 9 in. " "	22
7	10 x 10 in. " "	24
8	12 x 12 in. " "	30
9	3 x 6 in. " "	12
10	4 x 8 in. " "	18
11	5 x 7 in. " "	19
12	6 x 8 in. " "	21
13	8 x 10 in. " "	23

Price per lb. cts.

POST HOLE PUNCH



No.	Fig. 94A	List Each
1,	with gas pipe handle, steel shank, 20 lbs. each	\$5.00
2,	with $1\frac{1}{4}$ in. solid steel handle, 33 lbs. each	8.00

ASPHALT SMOOTHERS AND TAMPERS



Fig. 325A

The handles of both Smoother and Tamper are $1\frac{1}{4}$ -inch gas pipe welded to a steel spindle which is cast into the cast iron and cannot loose.

SMOOTHER

6 feet 7 inches long; 7 x 11 inch face; 55 lbs. each per lb. . . cts.

TAMPERS

No. 1—4 ft. 8 in. long; 6 x 8 inch face; 30 lbs. each per lb. . cts.

No. 2—4 ft. 8 in. long; 6 x 8 inch face; 37 lbs. each per lb. . cts.

O. I. HANDLED MAULS



Fig. 88A

O. I. HANDLE, BELL FACE MAULS

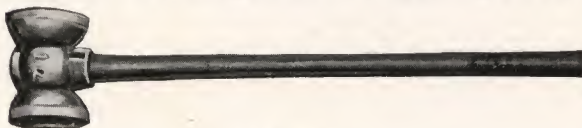


Fig. 89A

10 lbs. each	14 lbs. each	18 lbs. each
12 lbs. each	15 lbs. each	20 lbs. each
13 lbs. each	16 lbs. each	25 lbs. each

List, per lb. . . . cts.

O. I. HANDLE, WOOD END MAUL

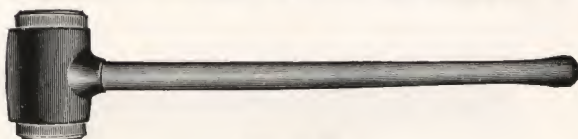


Fig. 90A

8 lbs. each	11 lbs. each	16 lbs. each
9 lbs. each	12 lbs. each	18 lbs. each
10 lbs. each	14 lbs. each	

List, per lb. . . . cts.

FLOOR HOOKS

For Hay Fork Pulleys

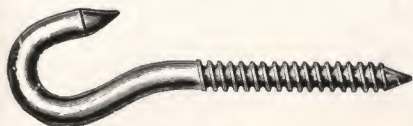


Fig. 56A

	List per doz.
$\frac{5}{8}$ -inch iron . . .	\$3.60
$\frac{3}{4}$ -inch iron . . .	4.50

CAST-IRON BOLSTER PLATES

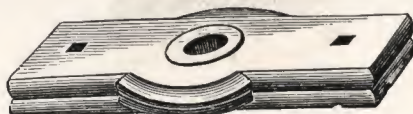


Fig. 72A

No.	Size	Estimated Weight
00	2 x 8 $\frac{1}{2}$ inches.	3 $\frac{1}{2}$ lbs. per pair
0	2 x 7 "	3 lbs. " "
1	2 $\frac{3}{4}$ x 8 "	8 lbs. " "
1 $\frac{1}{2}$	3 x 9 "	11 $\frac{1}{2}$ lbs. " "
2	3 x 10 "	12 $\frac{1}{2}$ lbs. " "
2 $\frac{1}{2}$	3 $\frac{1}{4}$ x 11 "	14 lbs. " "
3	3 $\frac{1}{4}$ x 12 "	15 lbs. " "
4	4 x 12 "	20 $\frac{1}{2}$ lbs. " "
5	4 x 13 "	22 lbs. " "

Price per lb. . . . cts.

CAST-IRON KING BOLT PLATES



Fig. 73A

No.	Size	Estimated Weight
A	24 x 2 $\frac{5}{8}$ inches.	39 lbs. per pair
B	20 $\frac{1}{2}$ x 2 $\frac{1}{4}$ "	25 lbs. " "
C	15 $\frac{1}{2}$ x 2 $\frac{3}{4}$ "	24 lbs. " "
D	15 x 2 $\frac{5}{8}$ "	24 lbs. " "
E	15 x 2 $\frac{1}{2}$ "	22 lbs. " "
F	14 x 2 $\frac{3}{8}$ "	17 lbs. " "
G	13 $\frac{1}{2}$ x 2 $\frac{1}{8}$ "	13 lbs. " "
H	12 x 1 $\frac{3}{4}$ "	10 lbs. " "
I	9 x 1 $\frac{5}{8}$ "	7 lbs. " "
OH	12 $\frac{1}{2}$ x 2 "	12 lbs. " "
OC	15 $\frac{3}{4}$ x 2 $\frac{3}{4}$ "	24 lbs. " "

Price per lb. . . . cts.

RUB IRONS FOR LUMBER WAGONS



Fig. 77A

No.	Estimated Weight
1	per doz. set, 64 lbs.
2	" " " 40 lbs.

Price per lb. cts.

GRATE BARS



Fig. 78A

Price per lb. cts.

Special patterns furnished at a reasonable price

BOB ROCKERS

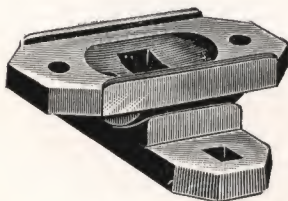


Fig. 75A

No.	Estimated Weight
1	2½ lbs. per set of 2
2	6½ " " " " 2
3	10 " " " " 2

Price per lb. cts.

HORSE HITCHING WEIGHTS



Fig. 79A

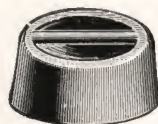


Fig. 80A

Weight, 10, 12, 15, 18, 20, 25, 30, and 35 pounds

Price per lb. cts.

WAGON SHOES



Fig. 81A



Fig. 82A

Size	Estimated Weight	Size	Estimated Weight
1 in. . .	144 lbs. per doz.	1½ in. . .	204 lbs per. doz.
1¼ in. . .	190 " " "	1¾ in. . .	222 " " "
1½ in. . .	186 " " "	2 in. . .	234 " " "
2 in. . .	195 " " "	2½ in. . .	276 " " "
2½ in. . .	240 " " "	3 in. . .	300 " " "
3 in. . .	285 " " "	3½ in. . .	336 " " "
3½ in. . .	288 " " "	4 in. . .	360 " " "
4 in. . .	306 " " "	4½ in. . .	445 " " "
4½ in. . .	336 " " "		

Price per lb. cts.

Both styles of wagon shoes, Fig. 81A and Fig. 82A can be furnished with two ribs running lengthwise of bottom if so specified. If not specified, wagon shoes with plain bottoms will always be shipped.

BRAKE BLOCKS



Fig. 95½A

No.	Size	Estimated Weight
30	2¾ x 8½ inches	9 lbs. per pair
31	3 x 10 "	15 " " "
32	3½ x 11 "	21 " " "
33	4 x 12 "	27 " " "
Price per lb.		cts.

FERREL BRAKE BLOCKS



Fig. 96½A

No.	Size	Estimated Weight
1	2½ x 6 inches	4 lbs. per pair
2	2½ x 8 "	6 " " "
3A-B	2¾ x 8 "	6½ " " "
3A-C	2¾ x 8 "	8 " " "
3B	2¾ x 8½ "	9½ " " "
3D	3¼ x 8½ "	12 " " "
4	3½ x 8½ "	13½ " " "
Price per lb.		cts.

RUNG STAPLES

For Trucks or Wagons

Nos. 1 to 7



Fig. 100A

No. 8



Fig. 101A

No.	Size of Rung	Length	Width	Est. Weight
1,	2 inches	6 $\frac{3}{4}$ inches	1 $\frac{7}{8}$ inches	3 $\frac{1}{2}$ lbs. per pair
2,	2 $\frac{1}{4}$ "	7 "	1 $\frac{7}{8}$ "	3 $\frac{3}{4}$ lbs. " "
3,	2 $\frac{1}{2}$ "	6 $\frac{3}{4}$ "	2 "	4 lbs. " "
4,	2 $\frac{3}{4}$ "	7 $\frac{7}{8}$ "	2 "	4 $\frac{3}{4}$ lbs. " "
5,	3 "	8 "	2 $\frac{1}{8}$ "	5 lbs. " "
6,	3 $\frac{1}{4}$ "	8 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	6 $\frac{1}{2}$ lbs. " "
7,	3 $\frac{1}{2}$ "	8 $\frac{5}{8}$ "	2 $\frac{3}{8}$ "	6 $\frac{1}{2}$ lbs. " "

SLANTING RUNG STAPLES.

8,	3 $\frac{1}{2}$ inches	8 $\frac{1}{2}$ inches	2 $\frac{5}{8}$ inches	7 $\frac{1}{2}$ lbs. per pair
			Price per lb.	. . . cts.

POST SOCKETS OR CAPS

No. 1



Fig. 104 $\frac{1}{2}$ A

No. 2



Fig. 105 $\frac{1}{2}$ A

These sockets or caps are intended to be used on the ends of gas pipe posts and can be furnished for posts of any size from 2 to 8 inches inclusive.

No. 1, with ribs to set inside of pipe cts. per lb.

No. 2, with bead to set outside of pipe cts. per lb.

CAST-IRON O. G. WASHERS

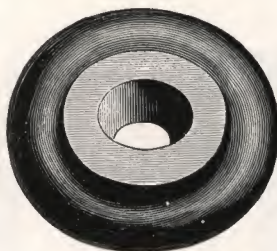


Fig. 84A

Size Bolt	Diam.	Thick- ness	Estimated Weight per 100	Size Bolt	Diam.	Thick- ness	Estimated Weight per 100
$\frac{1}{2}$	$2\frac{1}{2}$	$\frac{9}{16}$	47 lbs.	$1\frac{1}{4}$	$5\frac{1}{2}$	1	300 lbs.
$\frac{5}{8}$	3	$\frac{5}{8}$	62 "	$1\frac{3}{8}$	6	$1\frac{1}{8}$	375 "
$\frac{3}{4}$	$3\frac{1}{2}$	$\frac{11}{16}$	100 "	$1\frac{1}{2}$	$6\frac{1}{4}$	$1\frac{1}{4}$	475 "
$\frac{7}{8}$	4	$\frac{13}{16}$	125 "	$1\frac{3}{4}$	7	$1\frac{3}{8}$	700 "
1	$4\frac{1}{2}$	$\frac{7}{8}$	175 "	2	8	$1\frac{1}{2}$	1000 "
$1\frac{1}{8}$	5	$\frac{15}{16}$	235 "				

Price per lb. . . . cts.

Special sizes and shapes made to order.

Fig. 85A

CAST-IRON STAR WASHERS

6 inches diameter, $\frac{1}{2}$ -in. thick . . . cts. per lb.*Special size made to order*

CAST SLEIGH SHOES



Fig. 86A

No.	Size	Estimated Weight
1	$1\frac{3}{4}$ x 42 inches	per set of 4, 80 lbs.
2	2 x 42 "	" " " 4, 96 "
3	2 x 46 "	" " " 4, 106 "
4	2 x 48 "	" " " 4, 106 "

Price per lb. . . . cts.

Special sizes made to order.

DAVIS BARREL HEADER



Fig. 46A



No.		List Each
11,	Lever Press for 18 in. pear kegs	\$10.00
12,	Lever Press for standard barrels	10.00
13,	Lever Press for standard bar- rels, made of heavier ma- terial and especially de- signed for packing for the export trade	11.00
14,	Lever Press for heading sugar barrels, especially designed for poultry pack- ing, etc	12.00
	Extra price for ring follower	3.00

DAVIS BARREL HEADER



Fig. 47A

This header furnished with wood follower as illustrated in Fig. 46A unless ring follower is specified.



These Headers are made of strong material and very easily operated.

All heads go in evenly and squarely.

The platform is always square with the press so that no matter whether in a hillside orchard or in a packing house, the work is done right and at the same time done quickly.

As illustrated these presses fold compactly for shipment and storage.

No.	List each
15,	Folding platform screw
	press for standard
	apple barrels, with
	wood follower . . \$12.00

Extra price for ring follower	3.00
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IMPROVED STEEL BARREL HEADERS OR FRUIT PRESSES

No. 1-2 Iron Screw Press

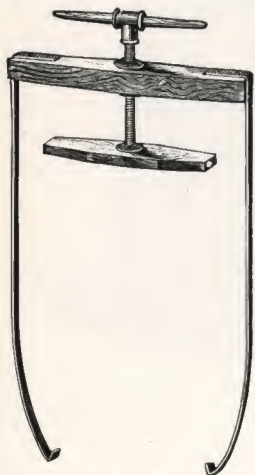


Fig. 43A

No. 6 Climax



Fig. 44A

THE PATENT SCREW PRESS

The Nos. 1 and 2 Screw Presses have the followers attached to screw, which device is patented. The follower attached thus can revolve, and is taken up with the screw after the barrel is headed; the screw is of 1-inch iron. The side clamps are steel and fastened with two bolts. No. 2 is made of heavier material.

THE PATENT "CLIMAX" LEVER PRESS

The advantage this press has over all other lever presses is: its side clamps are of one piece, there being no joints to bind; it stands upright and can be operated from either side of the barrel; the sides are adjustable to different lengths of barrels; its movement is quick and powerful.

Price List next page.

No. 5 SCREW PRESS

With Reinforced Frame

The extra reinforcements as shown, make the No. 5 very strong and rigid and greatly increase its durability at a small advance in cost.

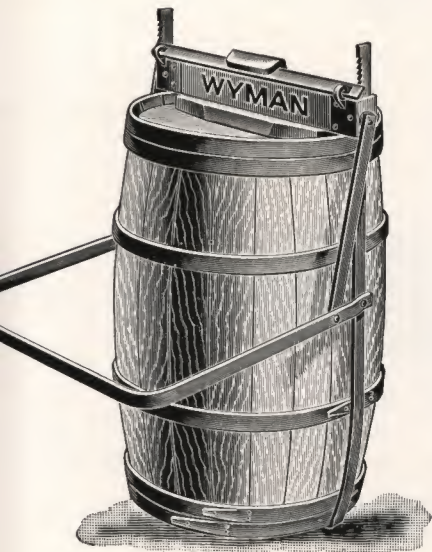


Fig. 45½A



Fig. 45A

No. 8 WYMAN LEVER PRESS

A simple, patented device has enabled us to combine the best features of both screw and lever barrel headers in the No. 8 WYMAN. Hitherto the principal objection to a lever barrel header was the absence of a retaining feature to hold the pressure rigidly at any

given point without the aid of the operator. This is entirely overcome by the simple, automatic locking device, which can be used or not at the pleasure of the operator.

No.	List Per Doz.
1, Iron Screw Press	\$25.00
2, Iron Screw Press, extra heavy	30.00
5, Iron Screw Press, Reinforced Frame	27.50
6, "Climax" Lever Press	22.50
8, "WYMAN" Lever Press	27.50
Extra Screws	10.00
Extra for ring followers	36.00

REVOLVING CLOTHES IRON

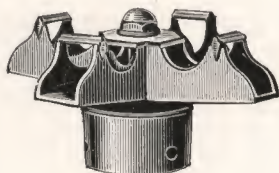


Fig. 38A

	List
No. 2, For 5-inch post	per doz. \$20.00

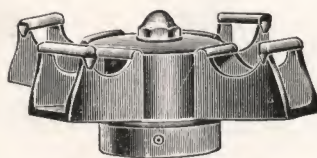


Fig. 40A

	List
No. 4, For 5-inch post	per doz. \$24.00

Packed about eighteen in a barrel

THE HINGE ADJUSTABLE STAY ROLLER

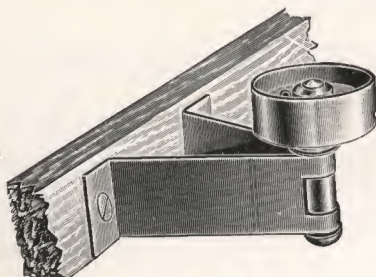


Fig. 24A

This illustration is of our Patent Adjustable Stay Roller. Can be adjusted to any thickness of door by opening or closing the hinge. Very strong and durable—cannot become loose and turn over when in use.

List

Per doz. \$2.40

Packed about 45 dozen in a barrel

DOOR STAY ROLLERS With Wrought Iron Shank

Japanned



Fig. 25A



Fig. 26A

No.		List Per Doz.
1,	With screw end, Fig. 25A	\$1.75
2,	With spike end, Fig. 26A	1.75



Fig. 27A



Fig. 28A

No.		List Per Doz.
3,	With screw end, Fig. 27A	\$1.75
4,	With spike end, Fig. 28A	1.75

Packed about 70 dozen in a barrel

FLOOR STAY ROLLERS FOR INSIDE DOORS

Japanned



Fig. 29A

No.		List Per Doz.
5	. . . . .	\$1.75

JAPANNED DOOR PULLS



Fig. 30A

No. 1, Straight Door Pull, **List**
per doz. \$1.50



Fig. 32A

No. 3, Oblique Door Pull, **List**
per doz. \$1.50



Fig. 31A

No. 2, Flush Door Pull **List**
per doz. \$1.50



Fig. 33A

No. 4, Oblique Door Pull, **List**
per doz. \$2.00

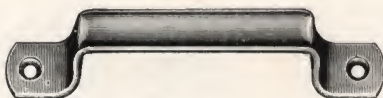


Fig. 34A

No. 5, Straight Door Pull,
extra-heavy, 12 lbs. to **List**
dozen . . per doz. \$3.00

STEEL DOOR PULL

JAPANNED

Fig. 36 $\frac{1}{2}$ A

6 $\frac{1}{2}$ inches long, 1 inch wide

No. 6, Steel Door Pull **List**
per doz. \$1.20

Weight, 2 $\frac{1}{2}$ lbs. per doz. Packed 3 doz. in box.

CAST-IRON STOVE PIPE THIMBLES



Fig. 41A

No.	Diam.	Length	List Each
1,	6 in.	4 in.	\$.60
2,	6 in.	6 in.	.75
3,	6 in.	8 in.	1.05
4,	6 in.	10 in.	1.35
5,	6 in.	12 in.	1.65
6,	6 in.	14 in.	1.80
7,	6 in.	16 in.	2.00
8,	6 in.	18 in.	2.40
9,	8 in.	4 in.	1.00
10,	8 in.	6 in.	1.10
11,	8 in.	8 in.	1.50
12,	8 in.	10 in.	1.80

PORCH IRONS

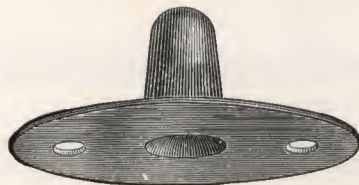


Fig. 42A

Used on bottom of wood porch columns to prevent decay. Top plate to be let into bottom of post to secure clearance desired.

Diameter, $3\frac{1}{2}$ inches. Distance from face to face, $1\frac{1}{2}$ inches.

Price per doz., \$2.00

THE HYLO FLEXIBLE DOOR HANGER With Steel Roller Bearings



Fig. 4A



Fig. 5A

Hylo hangers are superior to other hangers of a like construction for the following reasons:

They are simple of construction; the frame being made of but *two pieces of steel* makes them very strong and allows the door to hang closer to the track.

The sheave is machine turned and grooved, which insures a smooth true face.

HYLO PATENT STEEL TRACK

$\frac{3}{16} \times 1\frac{1}{4}$ inches



Hylo Door Hangers	per doz. pairs	\$16.00
Hylo Steel Track	per foot	.11
Packed one dozen pairs in a box		

List

PILOT DOOR HANGER

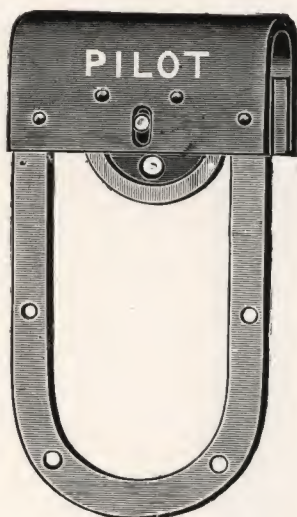


Fig. 6A

The steel axle of the wheel runs on the turned face of a double set of smaller wheels, which are encased within a heavy steel cover; the steel axles of the small wheels are fastened to the inner supports and the cover, thus making a hanger which is entirely covered. The groove in the large wheel and all its bearings being turned, makes it run perfectly true.

No.					List
0,	Pilot	.	.	per doz. pairs	\$15.00
1,	Pilot	.	.	" " "	18.00
2,	Pilot	.	.	" " "	24.00

Packed one dozen pairs in a crate

PILOT HANGERS

For Heavy Doors

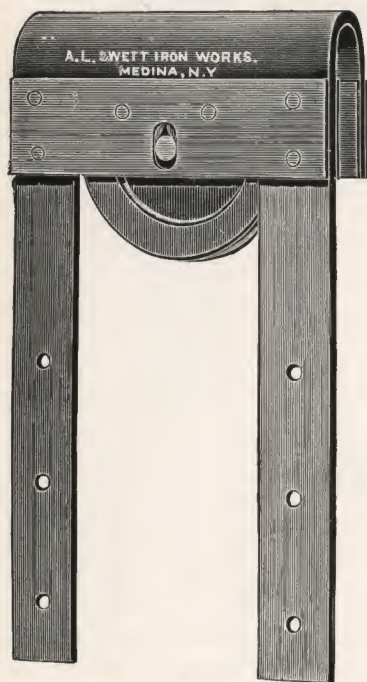


Fig. 7A

No. 3 Pilot

Price per pair, \$6.25.
 Length, over all, 17 inches.
 Width, over all, 8 inches.
 Strap, $1\frac{1}{2}$ in. wide, $\frac{3}{8}$ in. thick.
 Wheel, 5 inches diameter over all, $\frac{1}{16}$ inch thick.
 Groove, $\frac{3}{8}$ in. wide, $\frac{3}{8}$ in deep.
 Axle, $\frac{5}{8}$ -inch pin turning on the face of four wheels, each 2 inches diameter and $\frac{3}{8}$ inch thick.

No. 4 Pilot

Price per pair, \$12.50.
 Length, over all, 24 inches.
 Width, over all, 11 inches.
 Strap, $2\frac{1}{4}$ inches wide, $\frac{1}{2}$ inch thick.
 Wheel, 7 inches diameter over all, $1\frac{1}{4}$ inches thick.
 Groove, $\frac{1}{2}$ in. wide, $\frac{1}{2}$ in. deep.

Axle, 1-inch steel, turning on the face of four wheels, each 3 inches diameter, $\frac{1}{2}$ inch thick, with $\frac{5}{8}$ -inch axle.

No. 5 Pilot

Per pair, \$25.00.
 Length, over all, 30 inches.
 Width, over all, 14 inches.
 Strap, 3 inches wide, $\frac{1}{2}$ inch thick.
 Wheel, 10 inches diameter over all, $1\frac{1}{4}$ inch thick.
 Groove, $\frac{1}{2}$ inch wide, $\frac{1}{2}$ inch deep.
 Axle, 1-inch steel turning on the face of four wheels, each 3 inches diameter, $\frac{1}{2}$ inch thick, with $\frac{5}{8}$ -inch axles.

See page 74 for Special Rail for Heavy Pilots.

PILOT FIRE DOOR HANGER

Machine-Turned Sheave Used on the Pilot Fire Door Hanger

No.		List Pair
22,	With 4-inch sheave	\$ 4.00
33,	" 5-inch "	8.00
44,	" 7-inch "	16.00
55,	" 10-inch "	32.00

General style of Pilot Fire Door Hangers same as our other Pilots, sizes comparing with our No. 2, No. 3, No. 4 and No. 5 respectively.

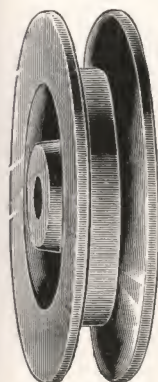


Fig. 8A

THE STAR FIRE DOOR HANGERS



Fig. 1A



Fig. 2A



This hanger is designed for use on extra heavy doors and for fire door purposes, and is endorsed by fire insurance underwriters.

The sheave is of Malleable Iron, has roller bearings, is machine turned and grooved and can be used on $\frac{5}{16}$ in., $\frac{3}{8}$ in., or $\frac{1}{2}$ in. track.

DIMENSIONS

Strap, $\frac{3}{8}$ in. x $3\frac{1}{2}$ in., and measures 27 in. over all.

Sheave 5 in. diameter. Groove $\frac{5}{8}$ in. deep.

	List Pair
Fire Door Hangers	\$4.75

EAGLE ROLLER BEARING DOOR HANGER

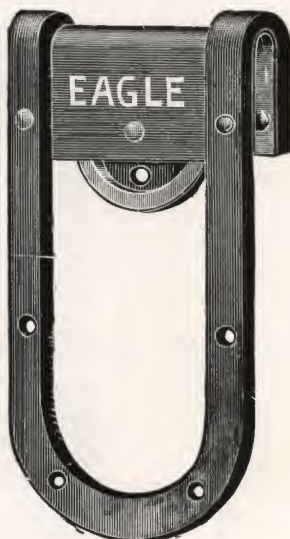


Fig. 10A

The Eagle Hanger is made with steel roller bearings. The steel axle having shouldered ends, allows a free and easy movement of the wheel and rollers.

The groove in the wheel is not cored, but machine turned, so the wheel runs perfectly true.

For a low price hanger, there is none made that equals it in strength and easy running.

No.	List Doz. Pairs
1, Eagle, roller bearings	\$15.00
2, Eagle, " "	18.00

Packed one dozen pairs in a crate

NEW PERFECTION ANTI-FRICTION DOOR HANGER

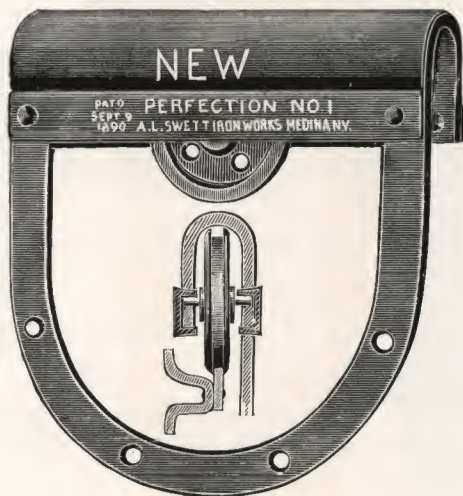


Fig. 11A

With Steel Channel and Loose Steel Axle

The steel channel rolled in one piece forms a strong, perfect rider bar, the axle having a wide bearing surface in the channel, and the wheel revolving on the axle prevents wear and can be used for any length of track. The under lip of the channel is so made that it can be bent downward and the wheel taken out, if desired. The rider bar being angular makes it very strong. The channel is made wide, which keeps the wheel from jumping the track; it also has a flange extending upward, covering the lower edge of the steel cover. The groove in wheel is machine turned.

No.	List Doz. Pairs
1, for medium doors	\$15.00
1½, for standard doors	18.00

Nos. 1 and 1½ packed one dozen pairs in a crate.

CHECK BACK AND OFFSET CHECK BACK DOOR HANGERS



Fig. 12A

Check Back or New England
Pattern



Fig. 13A

Offset

Size	List Doz. Pairs
3-inch	\$ 7.20
4-inch	10.80
5-inch	14.40

The above goods are neatly japanned, and packed
one dozen pairs in a box.

STEEL BRACKET DOOR RAIL

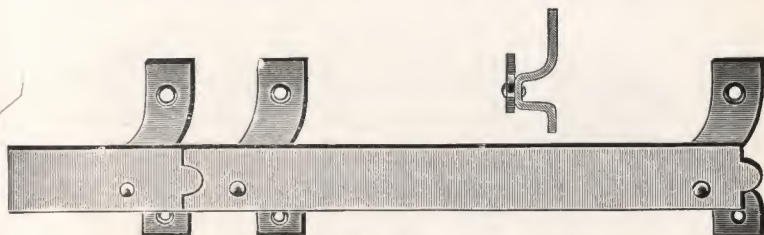


Fig. 16A

This rail is adapted to any grooved wheel hanger. Very strong, and easy to put up.

No.						List
0,	$\frac{3}{16}$ x 1	in., with steel bracket	.	.	per foot	$7\frac{1}{2}$ cts.
2,	$\frac{3}{16}$ x $1\frac{1}{4}$	in., " " "	.	.	" "	$8\frac{3}{4}$ cts.
3,	$\frac{3}{16}$ x $1\frac{1}{2}$	in., " " "	.	.	" "	10 cts.

Regular lengths, 4, 6, 8 and 10 feet

THE P. L. B. PATENT STEEL DOOR RAIL

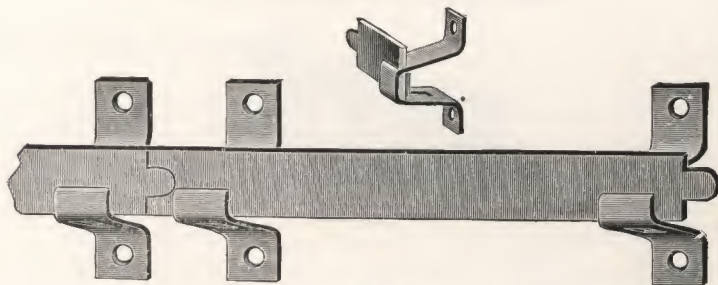


Fig. 17A

The Perfection Lock Bracket Rail has the steel bracket passing through the rail and locked; it is very strong and is adapted to any grooved wheel hanger.

No.					List
4,	$\frac{3}{16}$ x 1	inch, P. L. B.	.	.	per foot $7\frac{1}{2}$ cts.

Regular lengths, 4, 6, 8 and 10 feet

CAST BRACKET STEEL DOOR RAIL



Fig. 18A

No.		List Per Foot
1,	$\frac{3}{16}$ x $1\frac{1}{4}$ in., with cast brackets	10 cts.
$1\frac{1}{2}$,	$\frac{3}{16}$ x $1\frac{1}{2}$ in., " " "	12 cts.
6,	$\frac{1}{4}$ x 2 in., " " "	18 cts.
7,	$\frac{1}{4}$ x $2\frac{1}{4}$ in., " " "	20 cts.
8,	$\frac{1}{4}$ x $2\frac{1}{2}$ in., " " "	21 cts.
9,	$\frac{5}{16}$ x 2 in., " " "	21 cts.
10,	$\frac{5}{16}$ x $2\frac{1}{2}$ in., " " "	26 cts.

ANGLE STEEL TRACK

For Heavy Pilot Hangers

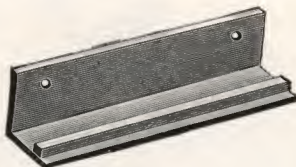


Fig. 9A

This is a very superior track and is made of angle steel, 3 x 3 inch., $\frac{3}{8}$ -inch thick, with a $\frac{7}{16}$ -inch square iron for guide, set back $\frac{1}{2}$ inch from edge of rail and riveted to same every 12 inches. The holes for bolts are $\frac{9}{16}$ -inch, spaced 18 inches apart, and 1 inch from top of track.

Per foot 75 cts.

CAST IRON CORNER HAY RACKS

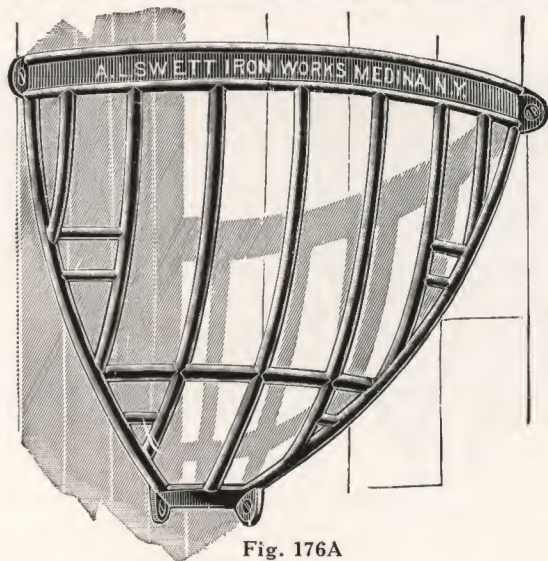


Fig. 176A

No.	List Each
0, Projects from corner 1 ft. 10 in.; height, 2 ft. 3 in.	\$3.75
1, Projects same as No. 0, but heavier; height, 2 ft. 4 in.	4.25

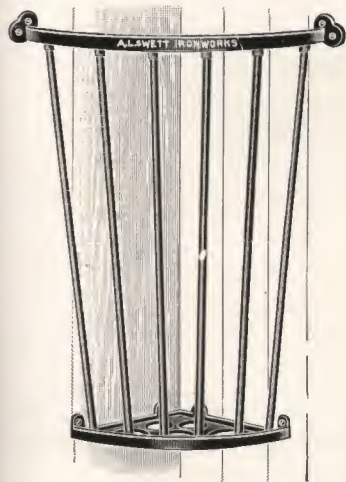


Fig. 180A

No. 3 Cast iron top and bottom, with wrought iron rods. Projects from corner 20 in.; height 36 in., with rabbet to receive boards for hay chute.

List Each
Price . . . \$5.50

Cast iron tops and bottoms only

List per Set
Price . . . \$2.00

WROUGHT IRON HAY RACKS

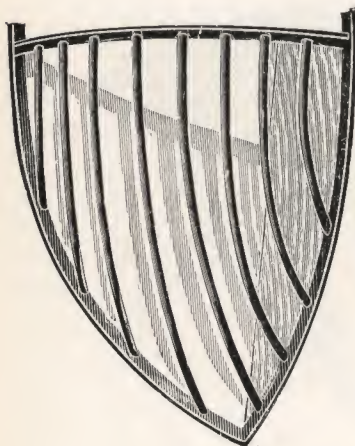


Fig. 182A

Projects from corner 2 feet; height, 2 feet 6 inches.

- | | List
Each |
|---|--------------|
| No. 12—Frame, 1 inch channel. Uprights, $\frac{1}{2}$ -inch round bar. Exceptionally strong and rigid | \$3.00 |
| No. 13—Same as above but with 6 bars instead of 8 | \$2.60 |

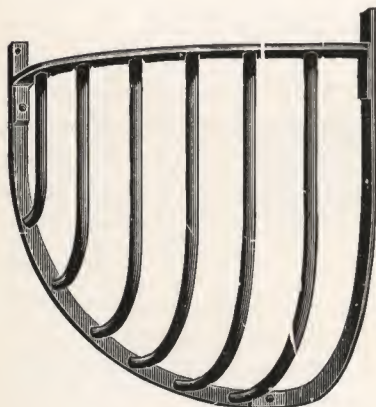


Fig. 183A

Projects from corner 1 foot, 8 inches; height, 2 feet, 6 inches.

Made right and left, figure 183A shows right hand.

- | | |
|---|--------|
| No. 14—Frame, 1 inch channel. Uprights, $\frac{1}{2}$ -inch round bar . . . | \$3.00 |
|---|--------|

COMBINATION HAY RACK AND MANGER

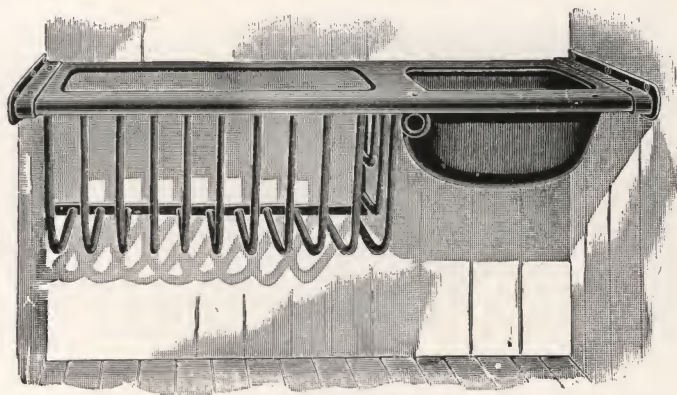


Fig. 179A

List
Each

With adjustable extension attachments at ends. Length
4 feet 6 inches; width 20 inches; rack 18 inches deep . . . \$32.00

Other lengths furnished if desired. Made right or left hand.
Cut shows right hand.

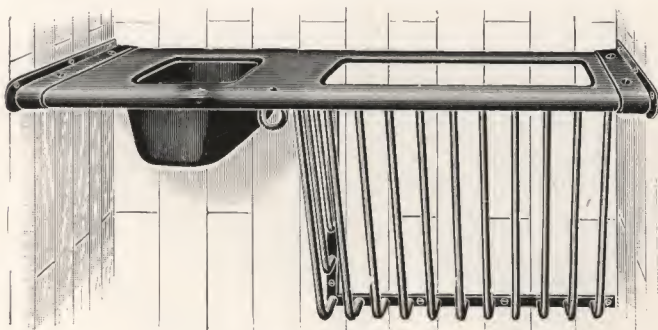


Fig. 329A

List
Each

With adjustable extension attachments at ends. Length
5 feet; width 22 inches; rack 30 inches deep . . . \$40.00

Other lengths furnished if desired. Made right or left hand.
Cut shows left hand.

COMBINATION HAY RACK AND MANGER

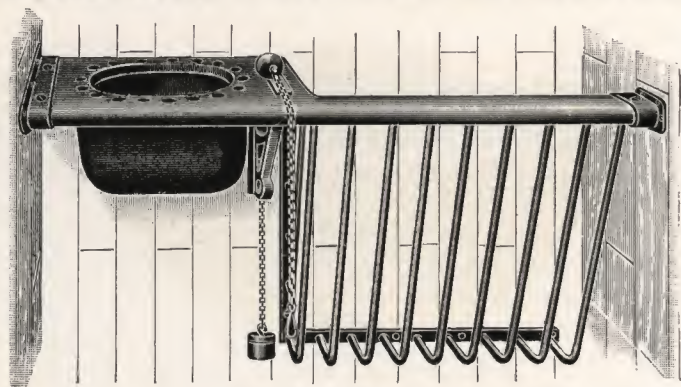


Fig. 330A

With adjustable extension attachments at ends. Length 5 feet; width 2 feet; rack 2 feet 6 inches deep. Other lengths furnished if desired. Made right or left hand. Cut shows left hand. With bracket and weighted halter chain running over pulley.

List
Each

\$48.00

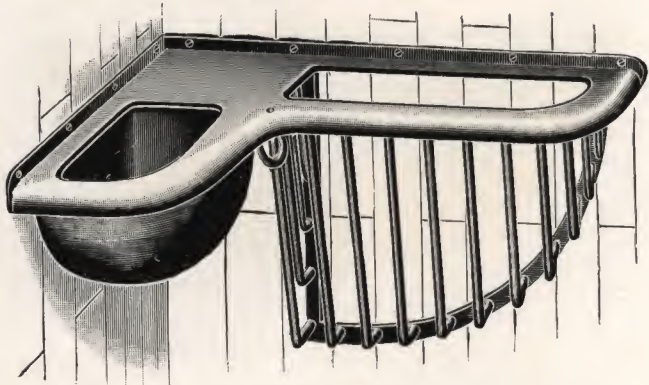
COMBINATION HAY RACK AND MANGER
FOR BOX STALLS

Fig. 331A

Length 4 feet 1 inch; width 2 feet 5 inches; hay rack 2 feet 6 inches deep. Made right and left hand. Cut shows left hand.

List
Each

\$40.00

CORNER MANGERS OR FEED BOXES

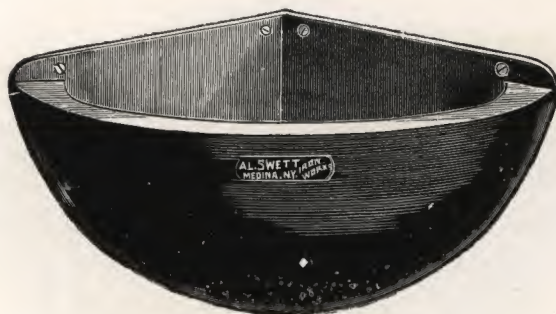


Fig. 188A

With Flat Food Guard

No.	Size	List Each
1,	13 x 13 x 8 in.	\$3.25
2,	15½ x 15½ x 9 "	3.50
3,	17 x 17 x 10 "	3.75
4,	18 x 18 x 10, " extra heavy	4.75

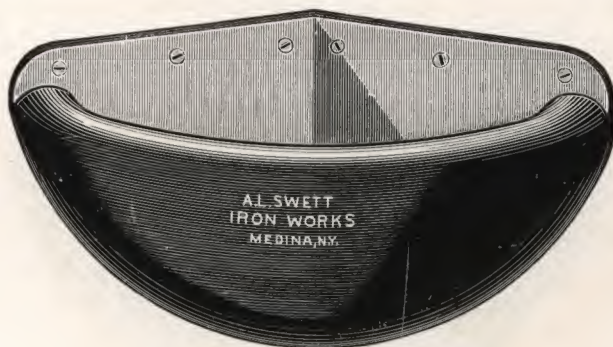


Fig. 189A

With Roll Front Food Guard

No.	Size	List Each
5,	15½ x 15½ x 9 in.	\$4.00
6,	17 x 17 x 10 "	4.25
7,	18 x 18 x 10 " extra heavy	5.00
7½,	20 x 20 x 10 "	7.25

EXTRA LARGE AND HEAVY CORNER MANGER



Fig. 190A

Roll Front Food Guard, Extra Heavy and Deep

Capacity, 32 quarts

No.	Size	List Each
8,	17 x 17 x 14	\$9.00

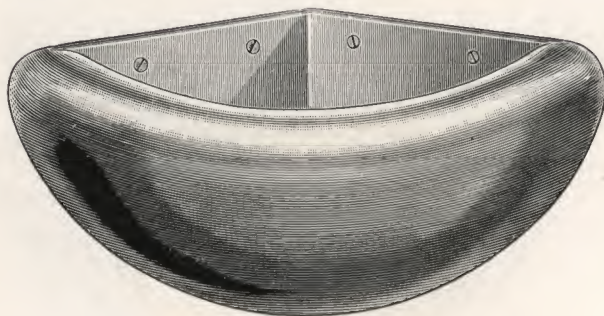


Fig. 191A

Extra Heavy Roll Front Food Guard

No.	Size	List Each
10,	17 x 17 x 10, with roll food guard 3 in. wide at ends and 2 in. wide at center	\$5.50

POT MANGER

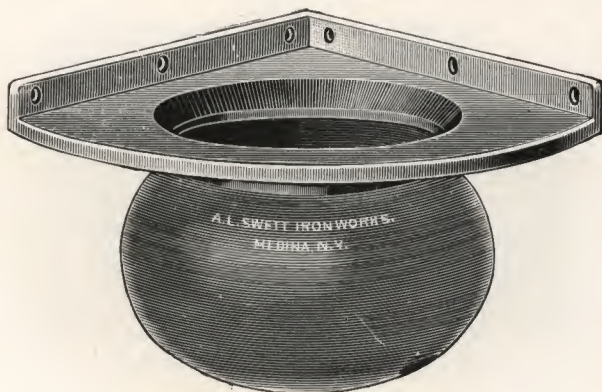


Fig. 192A

No.	List Each
11,	\$5.50

Length on side, 16 inches; depth, $9\frac{1}{2}$ inches; diameter of pot, 14 inches. One of the very best, as all waste of oats is prevented by an effectual food guard all around.

SIDE WALL POT MANGER

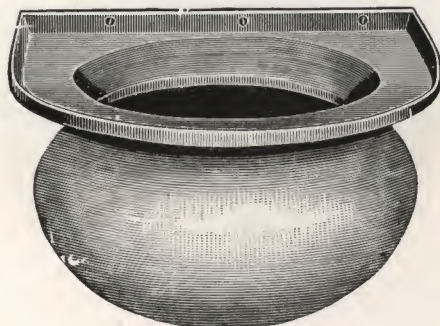


Fig. 193A

No.	Length on back 16 in.; depth $9\frac{1}{2}$ in.; diameter of bowl 14 in.	List Each
12,		\$5.50

SIDE MANGER

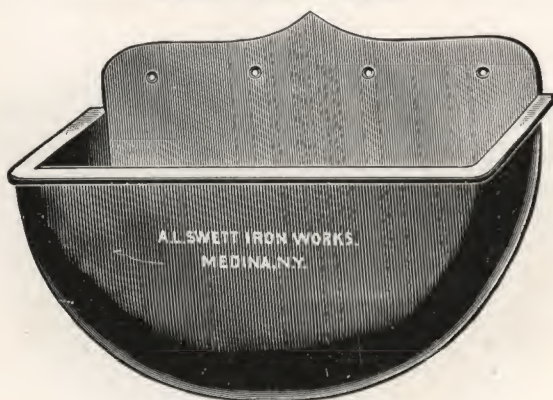


Fig. 194A

No.	Size		List Each
13,	12 x 18 x 8,	without food guard.	\$4.00
14,	12 x 18 x 8,	with " "	4.50
15,	13 x 19 x 8,	without " "	4.50
16,	13 x 19 x 8,	with " "	5.00
17,	14 x 24 x 10,	without " "	8.00
18,	14 x 24 x 10,	with " "	9.00

SQUARE MANGER WITH ROUND BOTTOM

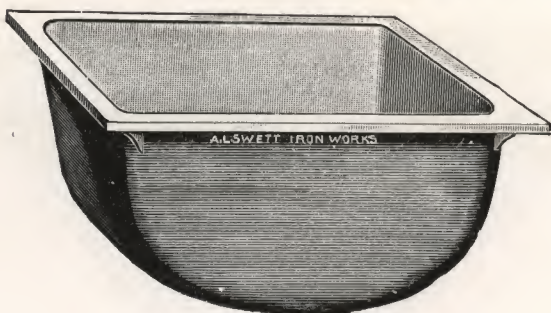


Fig. 196A

No.	Size		List Each
21,	20 x 14 x 8,	without food guard	\$4.25
22,	20 x 14 x 8,	with " "	4.75
25,	20 x 14 x 12,	without " "	6.75
27,	22 x 16 x 10,	without " "	7.50

WORTHLEY'S "SLOW FEED" CORNER MANGER

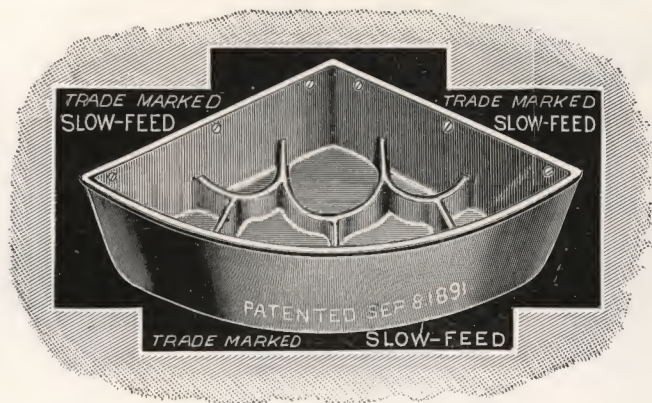


Fig. 197A

No.	Size	List Each
23,	17 x 17 x 6 in. deep	\$4.25
24,	Extra large, 17 x 17 x 10 in. deep	8.50

PIG TROUGHS

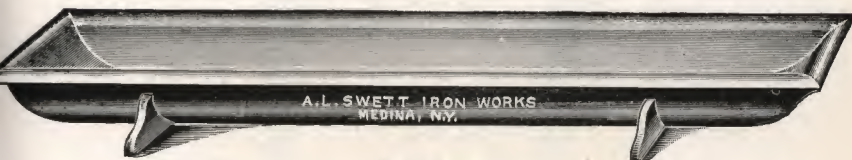


Fig. 205A

	Size	List Each
2 feet long,	12 inches wide	\$ 4.00
3 feet	" 12 " "	6.00
4 feet	" 12 " "	8.00
5 feet	" 12 " "	10.00
6 feet	" 12 " "	13.00
7 feet	" 12 " "	16.00



Fig. 198A

SALT DISH OR BRUSH BOX

No.	Size	List Per Doz.	
		Japanned	Galv'd
1,	8½ x 5½ x 3½ in. . . .	\$ 8.00	\$14.00
2,	14 x 8½ x 3½ in. . . .	12.00	21.00

CORNER SALT BOX

No.	Size	List Per Doz.	
		Japanned	Galv'd
3,	5 x 5;	\$5.00	\$ 7.50
4,	6 x 6;	7.00	11.00



Fig. 199A

VENTILATOR FOR STALL WINDOW

With Side Protectors of Sheet Steel

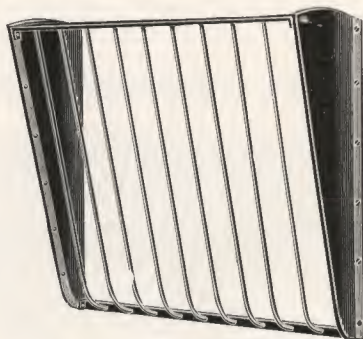


Fig. 332A

For windows hinged at bottom which drop into this frame. While protecting windows, it prevents direct draft on horse.

	List	
	Painted	Galv'd
30 inches high; 33 inches wide over back flange. . .	\$9.00	\$12.50

Special sizes to fit any window made to order; prices on application.

WHEEL GUARDS

Nos. 3 and 4

Nos. 1 and 2



Fig. 283A

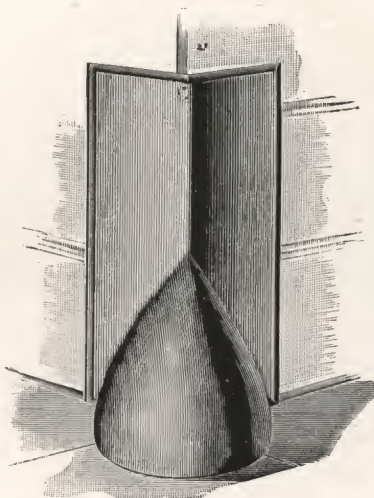
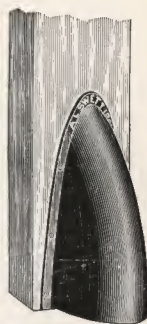


Fig. 284A

Nos. 5 and 6

Fig. 284 $\frac{1}{2}$ A

No.	Size	List each
1—	30 inches high for 12-inch wall	\$19.25
2—	30 inches high for 16-inch wall	22.00
3—	34 inches high x 8 x 8-inch inside	16.50
4—	34 inches high x 10 x 10-inch inside	19.25
5—	16 inches high x 7-inch wide	4.00
6—	14 inches high x 5-inch wide	2.50

Wrought Iron

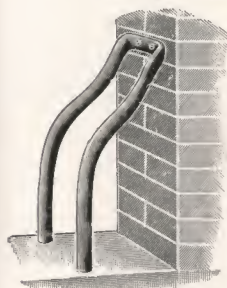


Fig. 352A

No. 7—Made of $1\frac{1}{8}$ -inch wrought iron 24 in. high; 5 in. wide inside. Projects 9 in. from wall. Extends into floor 3 inches. \$5.50

WROUGHT-IRON STALL GUARDS

With $\frac{1}{2}$ -inch Round Steel Uprights

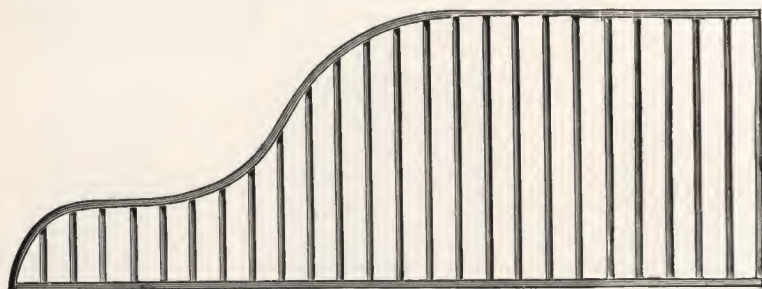


Fig. 200A

Length	List Each	Length	List Each
5 feet 0 inches . .	\$10.00	7 feet 6 inches . .	\$15.00
6 feet 0 inches . .	12.00	8 feet 0 inches . .	16.00
6 feet 6 inches . .	13.00	8 feet 6 inches . .	17.00
7 feet 0 inches . .	14.00	9 feet 0 inches . .	18.00

Height, 2 feet 4 inches

With Sheet Iron Panel in End

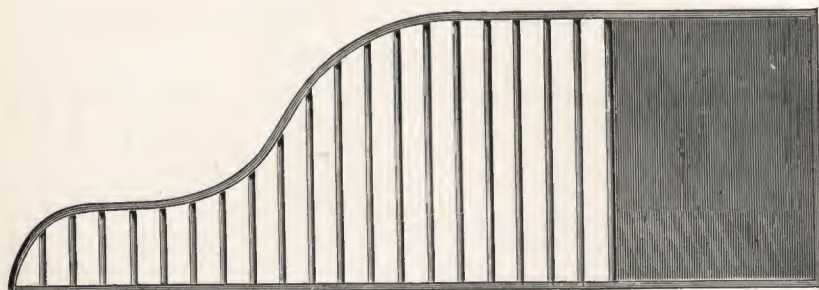


Fig. 201A

Length	List Each	Length	List Each
5 feet 0 inches . .	\$14.00	7 feet 6 inches . .	\$19.00
6 feet 0 inches . .	16.00	8 feet 0 inches . .	20.00
6 feet 6 inches . .	17.00	8 feet 6 inches . .	21.00
7 feet 0 inches . .	18.00	9 feet 0 inches . .	22.00

Height 2 feet 4 inches

WROUGHT IRON STALL GUARDS

With $\frac{1}{2}$ -inch Uprights

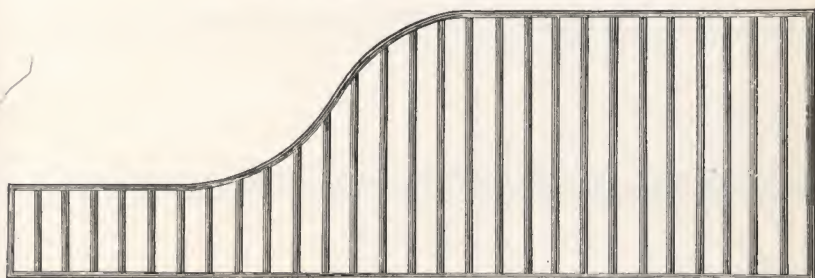


Fig. 202A

Length	List each
5 feet 0 inches	\$10.00
6 feet 0 inches	12.00
6 feet 6 inches	13.00
7 feet 0 inches	14.00
7 feet 6 inches	15.00
8 feet 0 inches	16.00
8 feet 6 inches	17.00
9 feet 0 inches	18.00

Height, 2 feet 4 inches

WROUGHT IRON BOX STALL GUARDS

With $\frac{1}{2}$ -inch Steel Uprights

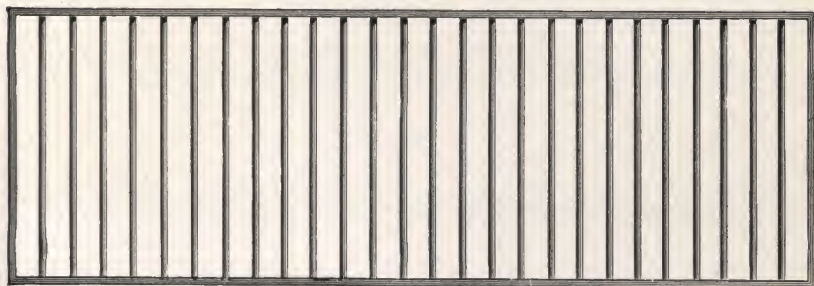


Fig. 203A

	List
2 ft. 4 in. high, any length made to order, per lineal foot . . .	\$ 2.00
Feeding Door in Headpiece; each	10.00
Special Guards of any size or of heavier material made to order.	

BOTTOM OR WALL RAIL FOR STALL PARTITION



Fig. 333A

List per lineal foot \$1.40



Fig. 334A

List per lineal foot \$.50

Size 2 inches x 1 inch x $\frac{1}{8}$ inch thick



Fig. 335A

Bottom Rail with standard (for concrete or brick floor)

List per lineal foot \$2.00

CAP RAIL FOR STALL PARTITIONS



Fig. 317A

List per lineal foot \$1.40

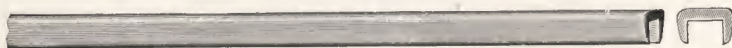


Fig. 318A

List per lineal foot \$1.40



Fig. 319A

List per lineal foot \$1.60

The above are made to fit wood partitions up to 2 inches thick. When wanted to fit partition more than 2 inches thick, an extra charge will be made. In ordering be sure and specify thickness of partition.

CAP AND BOTTOM RAIL FOR SIDE WALL WAINSCOTING



Fig. 320A

List per lineal foot \$1.00



Fig. 321A

List per lineal foot \$1.20



Fig. 322A

List per lineal foot \$1.40



Fig. 323A

List per lineal foot \$1.20
Any length of Cap or Wainscoting Rail furnished to order.

GUTTER COVER



Fig. 340A

Length Feet	Width Inches	Thickness Inches	List Per Foot
4	5½	$\frac{7}{16}$	\$1.20
5	6	$\frac{1}{2}$	1.30
4	7	$\frac{1}{2}$	1.50
4	7¼	$\frac{1}{2}$	1.70
5	8	$\frac{1}{2}$	1.80
5	10	$\frac{9}{16}$	2.35
5	10¼	$\frac{9}{16}$	2.40
5	12	$\frac{9}{16}$	3.00

GRADED STABLE GUTTER AND COVER



Fig. 206A

Made in 5 ft. lengths

For Wood Floor—Width over Flange, 6 inches.

For Cement Floor—Width over Flange, 5½ inches.

	List per Foot
Gutter and Cover, any length up to 20 ft.	\$2.20
Gutter only, any length up to 20 ft.	1.40
Gutter and Cover, any length up to 40 ft.	2.60
Gutter only, any length up to 40 ft.	1.80
Cover only . . . . .	.80

GRADED GUTTER CESSPOOLS

Open One End

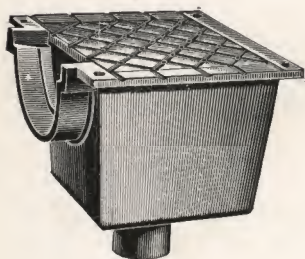


Fig. 207A

Open Both Ends

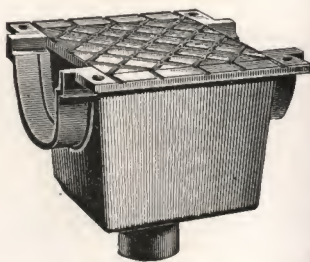


Fig. 208A

Size on Top, 11 inches square

	List Each
Fig. 207A or Fig. 208A to receive gutter up to 20 feet . . .	\$ 9.50
Fig. 207A or Fig. 208A to receive gutter up to 40 feet . . .	11.00

GRADED STABLE GUTTER AND COVER



Fig. 336A

Made in 5 ft. lengths; grade $\frac{1}{8}$ -inch per foot. Greatest depth at 20 feet, 4 inches; at 40 feet, $6\frac{1}{2}$ inches.

For wood floor. Width over flange 8 inches.

	List per Foot
Gutter and Cover, any length up to 20 feet	\$3.50
Gutter only, any length up to 20 feet	2.20
Gutter and Cover up to 40 feet	4.10
Gutter only, up to 40 feet	2.80

For Cement floor $6\frac{1}{2}$ inches wide

Gutter and Cover, any length up to 20 feet	3.15
Gutter only, any length up to 20 feet	1.85
Gutter and Cover up to 40 feet	4.00
Gutter only, up to 40 feet	2.70
Cover only, for wood or cement floor	1.30

GRADED GUTTER CESSPOOLS

Open One End

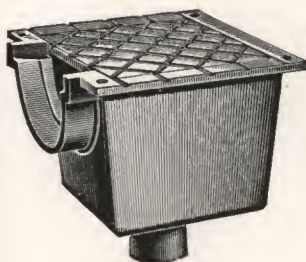


Fig. 337A

Open Both Ends

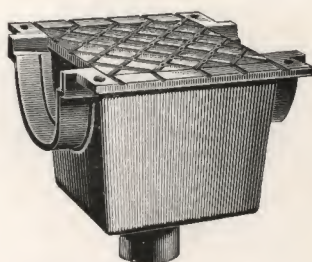


Fig. 338A

Size on top $11\frac{3}{4}$ inches square

	List Each
Fig. 337A or Fig. 338A to receive gutter up to 20 feet . . .	\$13.75
Fig. 337A or Fig. 338A to receive gutter up to 40 feet . . .	19.25

STABLE GUTTER AND COVER



Fig. 209A

For Concrete Floor—Width $5\frac{1}{2}$ inches

	List per Foot
Gutter and Cover	\$1.65
Gutter only . . . . .	.90
Cover only . . . . .	.75



Fig. 210A

For Wood Floor—Width over Flange, 6 inches

Gutter and Cover	\$1.80
Gutter only	1.05
Cover only . . . . .	.75

Made in 4 foot lengths

GUTTER CESSPOOLS

Open One End

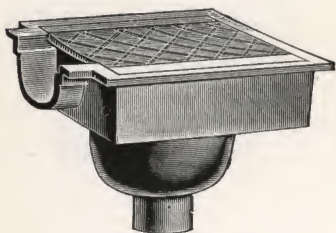


Fig. 211A

Open Both Ends

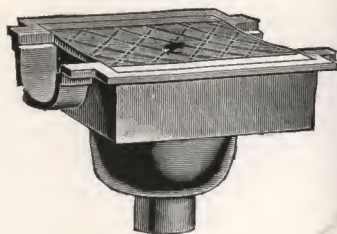


Fig. 212A

Outlet, 3 inches

Sizes on Top, 12 inches square

Fig. 211A or 212A	List Each \$7.50
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STABLE GUTTER ANGLE CONNECTIONS

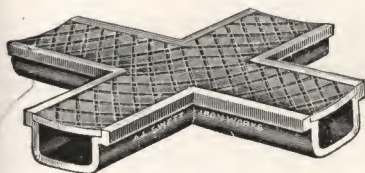


Fig. 213A

List Each
 Double Right Angle con-
 nection \$9.50

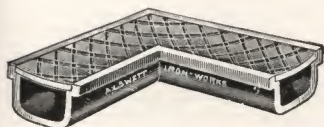


Fig. 214A

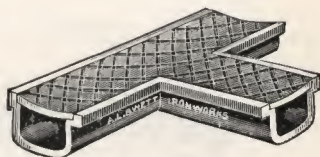


Fig. 215A

List Each
 Right or Left Angle Connection, Fig. 214A \$7.00
 Right or Left T Angle Connection, Fig. 215A 7.50

BOX STALL BELL TRAP CESSPOOL With Gutter Branches

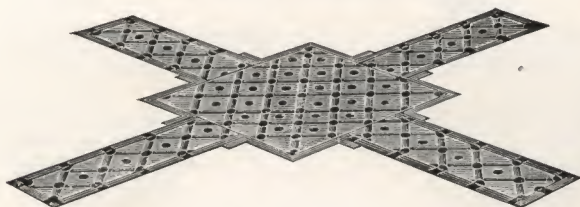


Fig. 220A

List Each
 Complete for wood floors \$20.00
 Complete for concrete floors 18.00

As shown, extreme width 3 feet.

It can be extended any length up to 12 feet extreme width, to order, at an additional cost.

GRADED CHANNEL GUTTER FOR LEVEL STALL FLOORS



Fig. 216A

5 feet long

List Each

\$2.10

OPEN STABLE GUTTER



Fig. 217A

7 inches wide; 1½ inches deep

List per Foot

\$1.10

Made in 5-foot lengths

BELL TRAP CESSPOOLS FOR OPEN GUTTER

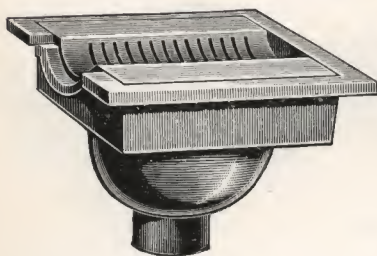


Fig. 218A

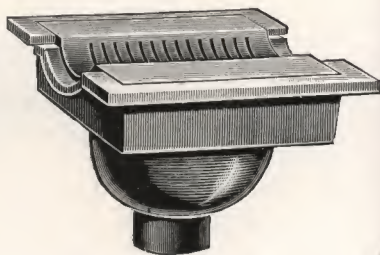


Fig. 219A

Size on Top, 12 inches square

Fig. 218A or Fig. 219A

List Each

\$7.50

OPEN GRADED GUTTER



Fig. 339A

7 inches wide. Made in 5 foot lengths. Graded $\frac{1}{8}$ -inch to the foot. Greatest depth at 20 feet, 4 inches; at 40 feet, $6\frac{1}{2}$ inches.

List per Foot

Any length up to 20 feet	\$2.20
Any length up to 40 feet	2.75

BELL TRAP CESSPOOLS FOR OPEN GUTTER

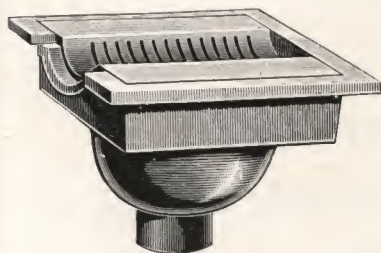


Fig. 314A

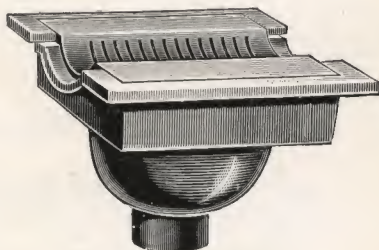


Fig. 315A

Open Graded Gutter Cesspools, 12 x 12 inch. For Fig. 339A Gutter. Open one or both ends.

List Each

Fig. 214A or Fig. 215A to receive gutter up to 20 feet . .	\$13.75
Fig. 214A or Fig. 215A to receive gutter up to 40 feet . .	19.75

Above Cesspools are similar to Figs. 218A and 219A, and have Grated Top and inside Strainer; outlet $3\frac{1}{2}$ inches.

GARAGE MUD TRAP

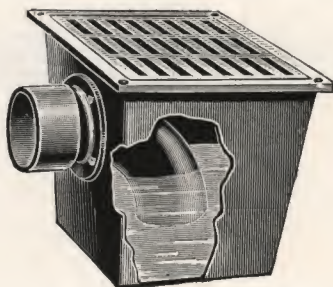


Fig. 221A

	List each
Size 12 x 13 inches	\$13.75

This Cesspool when so ordered can be made to be used with gutter shown on pages 90 and 92, and also with wood or concrete gutter.

CESSPOOL WITH TRAP

For Concrete or Wood Gutter

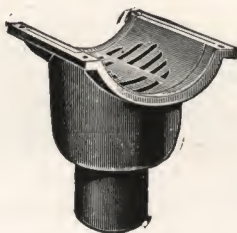


Fig. 223A

	List each
8 x 8 inches; outlet 3 inches; dip $2\frac{1}{4}$ inches	\$ 4.10
With one end closed	4.80
10 x 10 inches; outlet 4 inches; dip $2\frac{1}{4}$ inches	5.50
With one end closed	6.20
13 x 13 inches; outlet 4 inches; dip $2\frac{1}{2}$ inches	11.00

HORSE DRINKING FOUNTAINS



Fig. 249A

1 foot 9 inches high; 3 feet 10 inches long; 2 feet 1 inch wide
Base, 3 feet 4 inches by 1 foot 6 inches.

With overflow waste List each \$60.00



Fig. 249½A

Same as Figure 249A with the exception that it is equipped with a ball cock valve with proper housing. With this valve the water remains automatically at the same height and without wasting the water.

With Automatic Supply List each \$80.00

LION HEAD WATERING TROUGHS

With Safety Overflow and Plug Strainer



Fig. 243A

No.	Size	COMPLETE	List each
2	30 x 18 x 12 inches deep	. . . . .	\$37.50
3	36 x 18 x 12 " "	. . . . .	46.50
4	42 x 18 x 12 " "	. . . . .	51.50
5	48 x 18 x 12 " "	. . . . .	56.50

WITHOUT BACK

2x	30 x 18 x 12 inches deep	. . . . .	\$30.00
3x	36 x 18 x 12 " "	. . . . .	37.50
4x	42 x 18 x 12 " "	. . . . .	41.50
5x	48 x 18 x 12 " "	. . . . .	45.00

If wanted *without legs* deduct \$7.50 from list.



Fig. 354A

COW BOWL

No. 10

12 x 14 in., 9 in. deep.

Holds about 3½ gallons.

Tapped in bottom for ¾-in. gas pipe

List
Each
\$2.50

WATER TROUGHS

With Safety Overflow and Plug Strainer

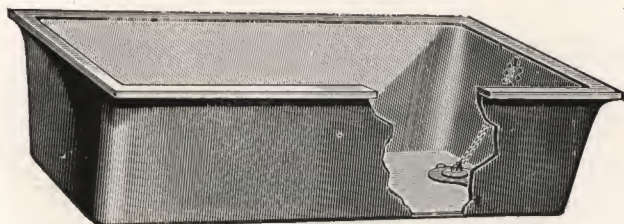


Fig. 244A

No.	Size	List each
6	—14 x 20 x 12 inches deep	\$14.00
7	—16 x 20 x 12 " "	16.50
8	—20 x 24 x 12 " "	21.00
9	—20 x 30 x 12 " "	25.00
10	—20 x 36 x 12 " "	33.00
11	—20 x 42 x 12 " "	38.50
12	—20 x 48 x 12 " "	43.50
12A	—20 x 54 x 12 " "	46.50
12B	—20 x 60 x 12 " "	50.00

If wanted with legs as shown in Fig. 243A, add \$7.50 to list.

COW BOWLS



Fig. 250A

No.	Size	List each
1	—14 x 8½ x 7 inches deep	\$2.50
2	—16 x 9 x 8 " "	3.25
3	—18 x 9 x 8 " "	3.75
Extra strainers and clips		.30

Always shipped with hole tapped for ¾ inch pipe in back unless specified differently.

SIDE WALL TROUGHS

With Safety Overflow and Plug Strainer

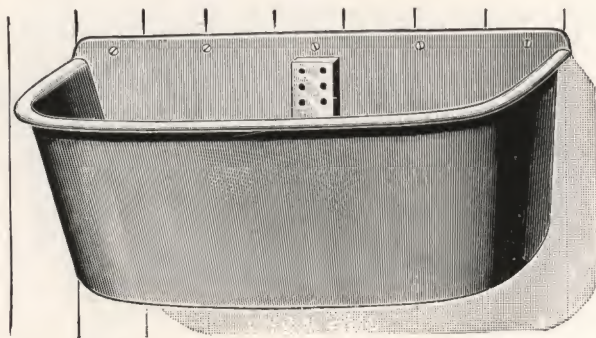


Fig. 245A

No.	Size		List
13—	25 x 14 x 12 inches deep	each	\$16.50
14—	30 x 18 x 12 inches deep	each	22.50
Brackets for Trough		per pair	6.00

HALF-CIRCLE WATER TROUGH

With Safety Overflow and Plug Strainer

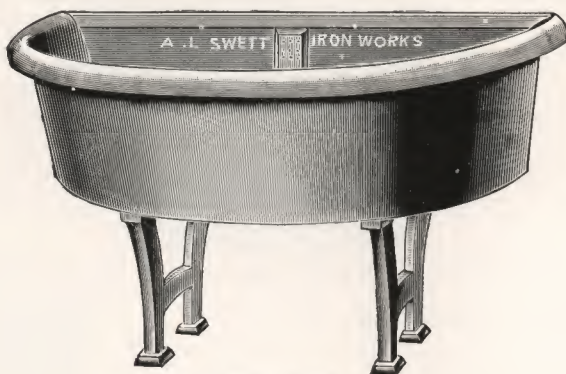


Fig. 247A

	List each
33 x 14 x 12 inches deep (Trough only)	\$27.50
Complete with legs	35.00

HARNESS WASHING SINKS

With Safety Overflow and Plug Strainer

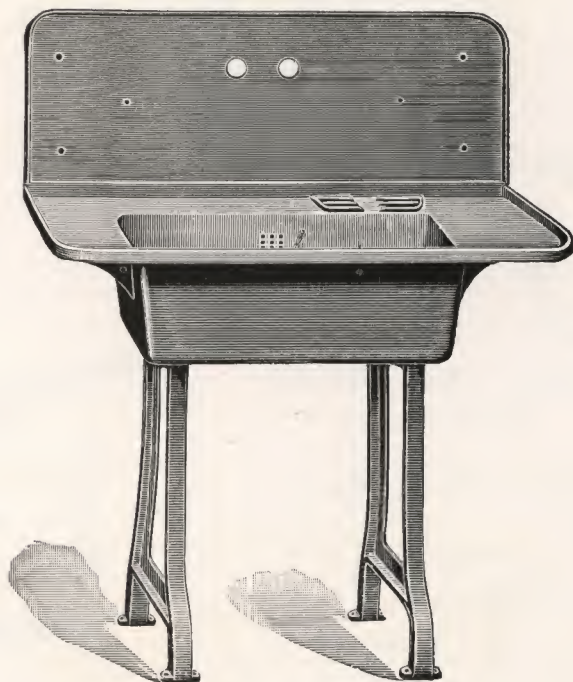


Fig. 251A

No.	List each
1—36 in. long; 26 in. wide; 28 in. high	\$40.00
2—48 in. long; 30 in. wide; 28 in. high	55.00
1 without back, deduct from list	5.00
2 " " " " " "	9.00
1 or No. 2 without legs, deduct from list	9.00

RIDING SADDLE AND BRIDLE BRACKET



Fig. 341A

No.

List each

1—Gentlemen's Bracket, projects 13½ in.	\$3.50
2—Ladies' Bracket, projects 18 in.	4.00

SADDLE AND BRIDLE BRACKET

13-inch Projection

List each	
Japanned.	Galv'd
\$1.40	\$2.25



Fig. 252A



Fig. 342A

EXTRA HEAVY HARNESS HOOK

No. 30—Top hook projects 13 inches;
lower hook projects 9 inches.

List each, Japanned . . . \$2.25

Approximate weight, 12 lbs.

HEAVY HARNESS HOOKS



Fig. 253A

No. 1—Upper Hook projects 12 inches.
Lower Hook projects 5 inches; each \$.85

Approximate weight, 4 lbs.

No. 2—Extra heavy; Upper Hook
projects 12 inches; Lower Hook projects
7 inches each \$1.60

Approximate weight, $8\frac{1}{2}$ lbs.

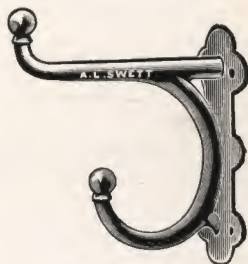
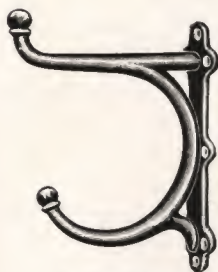


Fig. 254A

No. 3—Extra heavy; Upper Hook
projects 12 inches; Lower Hook projects
10 inches each \$2.00

Approximate weight, 10 lbs.

Fig. 254 $\frac{1}{2}$ A

No. 4—Projection 8 inches; each \$.35

Approximate weight, $1\frac{2}{3}$ lbs.

No. 5—Projection 11 inches; each \$.50

Approximate weight, 2 lbs.

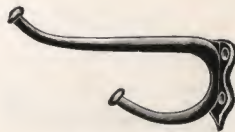


Fig. 255A

HARNESS HOOKS

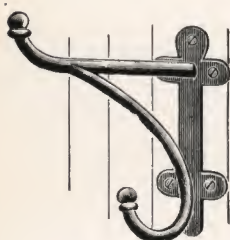


Fig. 256A

No.	Projection	Approx. weight	List each
6	10½ in.	3¾ lbs.	\$.85
7	9 in.	2⅔ lbs.	.60

No.	Projection	Approx. weight	List Each
8	10½ inches.	5 lbs.	\$1.35

With curved back for 6-inch round post.

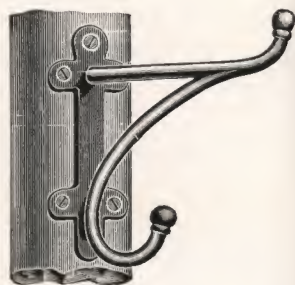


Fig. 257A



Fig. 258A

No.	Projection	Approx. weight	List each
9	6 in.	1 lb.	\$.25
10	8 in.	2 lbs.	.45
11	9 in.	3⅙ lbs.	.65

No.	Projection	Approx. weight	List each
12	8 in.	⅝ lb.	\$.25
13	10 in.	1 lb.	.30



Fig. 259A



Fig. 260A

No.	Projection	Approx. weight	List each
14	7 in.	1⅔ lbs.	\$.35
15	8 in.	2 lbs.	.45
16	10 in.	2½ lbs.	.60

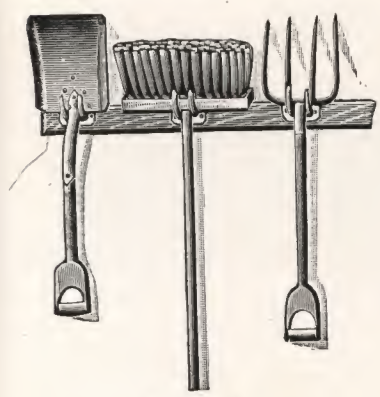


Fig. 261A

IMPLEMENT HOOKS

		List each	
		Japanned	Galv'd
List, each	. . .	\$.40	\$.70

TOOL BRACKETS



Fig. 263A

Projects 12 inches

List	each \$.80
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HITCHING RINGS



Fig. 277A



Fig. 278A



Fig. 279A

		List each	
No.		Japanned	Galv'd
1—Oval	\$.40	\$.70
2—Oval, Heavy	. . . . .	.50	.80
3—Round, Heavy	. . . . .	.50	.80

HITCHING RINGS

No. 6

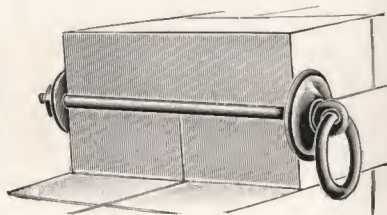


Fig. 345A

No. 4



Fig. 343A

No. 5



Fig. 344A

No.

	List each	
	Japanned	Galv'd
4—Oblong	\$.55	\$.85
5—Lion Head	.55	.85
6—To anchor through wall	1.10	1.50

No. 7



Fig. 346A

No. 8

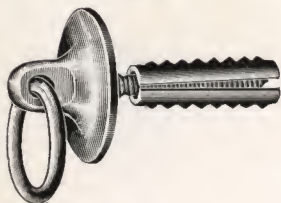


Fig. 347A

No. 9

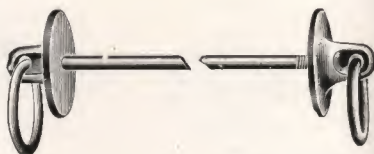


Fig. 348A

No.

	List each	
	Japanned	Galv'd
7—Round to screw	\$.70	\$1.00
8—With expansion shell to anchor in brick or cement wall	2.10	2.75
9—With rod to fit any size wall, one end threaded	2.20	2.75

POST SOCKETS FOR WOOD POSTS

No. 1

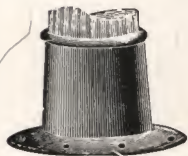


Fig. 280A

No. 2

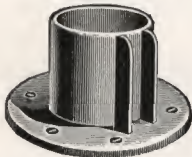


Fig. 281A

Nos. 3 and 4

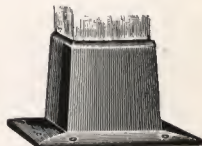


Fig. 282A

No.	List each
1—For Round Post, 5 or 6 in.	\$4.25
2—For Round Post, 5 or 6 in., and flanged to receive 2-inch wood partition	4.50
3—For 5-inch Square Post	4.50
4—For 6-inch Square Post	5.00

No. 5

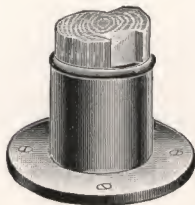


Fig. 349A

No. 6

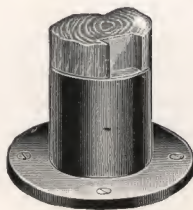


Fig. 350A

For 5-inch or 6-inch Wood Post

Base, $13\frac{1}{4}$ inches in diameter

No.	List each
5— 8 inches high	\$6.25
5—15 " "	9.00
6— 8 " "	5.50
6—15 " "	8.25

FLUSH COAL HOLE FRAMES AND COVERS

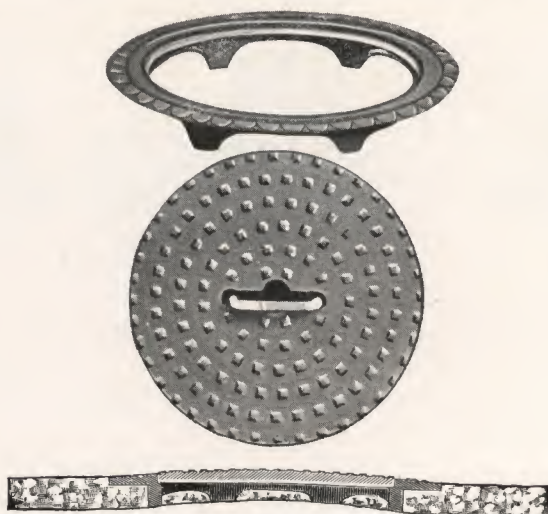


Fig. 232A

COMPLETE

No.		Weight	List
1	15-inch opening, Ring and Cover . . .	35 lbs.	\$ 5.70
6	18-inch opening, Ring and Cover . . .	48 lbs.	7.75
2	20-inch opening, Ring and Cover . . .	57 lbs.	9.25
7	24-inch opening, Ring and Cover . . .	72 lbs.	11.80

COVERS ONLY

No.		Weight	List
1	. . . . .	20 lbs.	\$3.25
6	. . . . .	30 lbs.	4.85
2	. . . . .	40 lbs.	6.50
8	. . . . .	52 lbs.	8.55

RINGS ONLY

No.		Weight	List
1	. . . . .	15 lbs.	\$2.45
6	. . . . .	18 lbs.	2.90
2	. . . . .	17 lbs.	2.75
7	. . . . .	20 lbs.	3.25

WATERPROOF COAL HOLE FRAMES AND COVERS



Fig. 233A

COMPLETE

No.		Weight	List
3	15-inch opening, Ring and Cover . . .	35 lbs.	\$ 5.65
8	18-inch opening, Ring and Cover . . .	51 lbs.	8.25
4	20-inch opening, Ring and Cover . . .	49 lbs.	7.90
9	24-inch opening, Ring and Cover . . .	72 lbs.	11.75

COVERS ONLY

No.		Weight	List
3	. . . . .	18 lbs.	\$2.90
8	. . . . .	31 lbs.	5.00
4	. . . . .	31 lbs.	5.00
9	. . . . .	49 lbs.	8.00

RINGS ONLY

No.		Weight	List
3	. . . . .	17 lbs.	\$2.75
8	. . . . .	20 lbs.	3.25
4	. . . . .	18 lbs.	2.90
9	. . . . .	23 lbs.	3.75

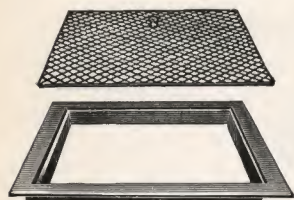


Fig. 234A

VAULT COVER AND FRAME

No.	Frame	Cover	List
1	15 $\frac{1}{2}$ x 15 $\frac{1}{2}$	12 x 12 . . .	\$4.50
2	17 $\frac{1}{2}$ x 17 $\frac{1}{2}$	14 x 14 . . .	5.70
3	19 $\frac{1}{2}$ x 19 $\frac{1}{2}$	16 x 16 . . .	7.35
4	21 $\frac{1}{4}$ x 21 $\frac{1}{4}$	18 x 18 . . .	8.85
5	23 $\frac{1}{4}$ x 23 $\frac{1}{4}$	20 x 20 . . .	10.35
6	28 $\frac{3}{4}$ x 28 $\frac{3}{4}$	24 x 24 . . .	13.35
7	23 $\frac{1}{4}$ x 28 $\frac{3}{4}$	20 x 24 . . .	12.75

Frame Only

No.	Weight	List
1	14 lbs. . . .	\$2.10
2	17 lbs. . . .	2.55
3	21 lbs. . . .	3.15
4	22 lbs. . . .	3.30
5	26 lbs. . . .	3.90
6	29 lbs. . . .	4.35
7	35 lbs. . . .	5.25

Cover Only

No.	Weight	List
1	16 lbs. . . .	\$2.40
2	21 lbs. . . .	3.15
3	28 lbs. . . .	4.20
4	37 lbs. . . .	5.55
5	43 lbs. . . .	6.45
6	60 lbs. . . .	9.00
7	50 lbs. . . .	7.50



Fig. 235A

No.	Opening	List
10	16-inch . . .	\$7.35
11	18-inch . . .	9.60
12	20-inch . . .	11.10
13	24-inch . . .	15.60
14	30-inch . . .	23.25

Ring Only

No.	Weight	List
10	28 lbs. . . .	\$4.20
11	32 lbs. . . .	4.80
12	41 lbs. . . .	6.15
13	45 lbs. . . .	6.75
14	55 lbs. . . .	8.25

Cover Only

No.	Weight	List
10	21 lbs. . . .	\$3.15
11	32 lbs. . . .	4.80
12	33 lbs. . . .	4.95
13	59 lbs. . . .	8.85
14	100 lbs. . . .	15.00

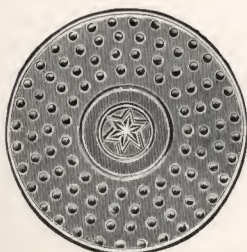


Fig. 236A

VAULT COVERS

Diameter	Weight	List
16-inch	20 lbs. . . .	\$3.00
17-inch	22 lbs. . . .	3.30
18-inch	23 lbs. . . .	3.45
20-inch	38 lbs. . . .	5.70

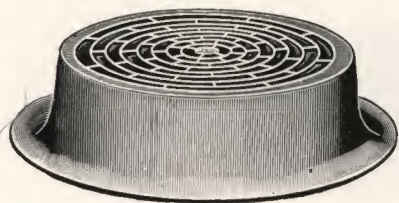


Fig. 239A

MANHOLE GRATE**For Sewers**

Diameter at top	26 in.
Diameter cover	23 in.
Diameter opening	20 in.
Diameter at bottom	34 in.
Height	9 in.
Approximate weight	330 lbs.
List	\$42.00
List—Cover only	15.00

LAMPHOLE GRATE**For Sewers**

Height	12 in.
Diameter at top	14 $\frac{3}{4}$ in.
Diameter cover	12 $\frac{3}{4}$ in.
Diameter opening	11 $\frac{1}{2}$ in.
Diameter at bottom	22 in.

Approximate Weight

Cover 26 lbs. Frame 96 lbs.

List	\$19.25
List—Cover only	6.00



Fig. 240A

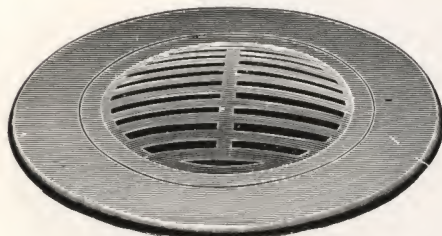


Fig. 241A

CATCH BASIN GRATE**For Gutters**

Diameter grating	24 in.
Diameter opening	22 in.
Diameter over all	40 in.

Approximate Weight

Frame 260 lbs. Grate 90 lbs.

List	\$42.00
List (Cover only)	14.00

SQUARE SEWER GRATE

Size, 17 x 18 . . . List \$11.00

Approximate weight, 75 lbs.

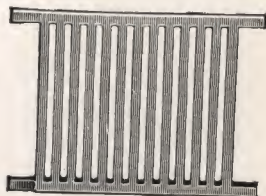


Fig. 230A

CESS POOL GRATE

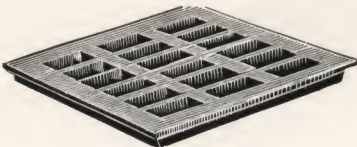


Fig. 229A

Size	List each
8 x 12 in.	\$1.75
9½ x 9½ in.	2.50
13½ x 13½ in.	3.50
18 x 18 in.	7.00
24 x 24 in.	8.50

CURB CATCH BASIN GRATE



Fig. 242A

Adjustable to curbs 6 to 8 in. high

Size of grate	16¾ x 22½ in.
Diameter of base	38 in.
Approximate weight	350 lbs.
List	\$50.00

ROUND FRAMES AND COVERS



Fig. 353A

No.	Diam. of Cover Inches	Diam. of Frame Inches	Diam. of Opening Inches	Complete	List each Cover	Frame
1	6	9	5	\$ 1.20	\$.60	\$.60
2	8	11	7	1.50	.75	.75
3	10	13	9	2.50	1.25	1.25
4	12	15	11	3.75	2.25	1.50
5	14	17	13	5.00	3.00	2.00
6	16	19	15	6.25	3.75	2.50
7	18	21	17	7.50	4.40	3.10
8	20	23	19	10.00	6.00	4.00
9	22	25	21	10.75	6.75	4.00
10	24	27	23	12.50	8.25	4.25

FRAME AND GRATING

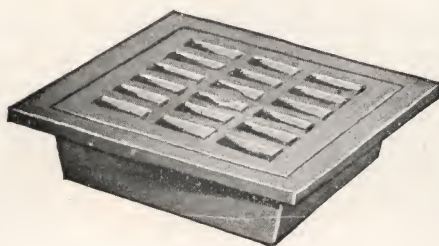


Fig. 238A

No.	Frame	Grating	List
1	12 x 12 in.	9½ x 9½ in.	\$5.00
2	16 x 16 in.	13½ x 13½ in.	7.00

For price on extra gratings, see Fig. 229A, page 112.

MANHOLE FRAMES AND COVERS

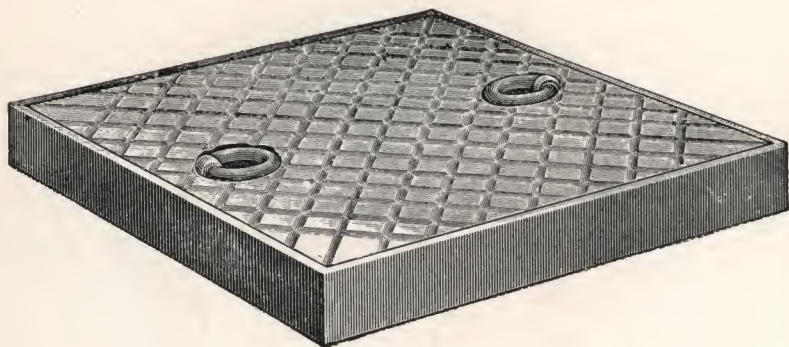


Fig. 237A

No.	Size	List
1	12 x 12 x 3 inches deep	\$ 6.00
2	18 x 18 x 3 " "	12.00
3	20 x 20 x 3 " "	15.00
4	20 x 24 x 3 " "	18.00
5	24 x 24 x 3 " "	22.00
6	26 x 26 x 3 " "	27.50
7	26 x 32 x 3 " "	35.00

Fig. 2370A

Same as above but made with flange at bottom of frame for use with concrete.

No.	List	No.	List
1	\$ 7.50	5	\$27.50
2	15.00	6	35.00
3	18.75	7	43.75
4	22.50		

COVERS ONLY—Fig. 237A or 2370A

No.	Size	List	No.	Size	List
1	11 x 11	\$ 3.00	5	23 x 23	\$13.50
2	17 x 17	7.50	6	25 x 25	17.50
3	19 x 19	9.00	7	25 x 31	21.50
4	19 x 23	10.50			

IRON SETTEE, GRAPE VINE PATTERN



Fig. 293A

List

List

Length of seat, 3 feet.

Painted, \$36.00; unpainted, \$30.00.

GOTHIC SETTEE

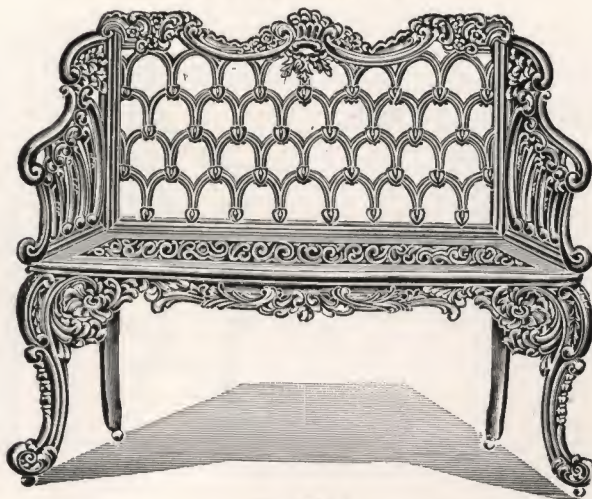


Fig. 294A

List

List

Length of seat, 3 ft. 5 in.

Painted, \$39.00; unpainted, \$33.00.



Fig. 295A

GRAPE VINE CHAIR

	List
Painted (Green or White)	\$18.00
Unpainted	15.00

WROUGHT STEEL CHAIR

Stronger and Lighter

than Cast Iron

2 feet wide

	List
Painted Green	\$8.00



Fig. 296A

WROUGHT STEEL SETTEE



Fig. 297A

These Settees are strong and durable and can be furnished in any length wanted. When made over 6 feet long they have three legs instead of two, as shown.

No.	Size	List each
0—3 feet long	.	\$10.00
1—4 " "	.	12.00
2—5 " "	.	14.00
3—6 " "	.	16.00

Painted Green

No. 4

Nos. 1, 2, 3

BOUQUET HOLDERS



Fig. 298A

No.	List each
1—Tulip, 4-inch Bowl	\$.35
2—Tulip, 5-inch Bowl . . . . .	.40
3—Tulip, 6-inch Bowl . . . . .	.55
4—Lily . . . . .	.60

Painted Green



Fig. 299A



Fig. 316A

"KEEP OFF THE GRASS" SIGNS

A neat and attractive sign, well painted. Body green and raised letters in aluminum. Weight, $4\frac{1}{2}$ lbs; height, 24 inches.

List, each \$1.25

CEMETERY MARKERS

No. 1



Fig. 361A

No. 2



Fig. 362A

The faces of these markers are $4\frac{1}{2}$ inches x $6\frac{3}{4}$ inches with legs which can be driven into the ground 8 inches. Painted green with raised letters in aluminum, or galvanized, as preferred.

Weight, $2\frac{1}{4}$ lbs.

No.	List each	
	Ptd.	Galv'd
1—Annual Care .	\$.75	\$1.00
2—Perpetual Care .	.75	1.00



Fig. 363A

RABBIT

Cast Iron

12 inches high; 10 inches long

Weight, 14 lbs.

Painted White

List, each \$4.25

LAWN ROLLERS



Fig. 300A

No.	Sections	Diameter	Length	Weight	List each
1	2	20 in.	16 in.	150 lbs.	\$15.00
2	2	20 in.	16 in.	200 lbs.	20.00
3	2	20 in.	16 in.	225 lbs.	22.50
4	2	20 in.	20 in.	250 lbs.	25.00
5	2	20 in.	20 in.	300 lbs.	30.00
6	3	20 in.	24 in.	300 lbs.	30.00
7	2	20 in.	24 in.	300 lbs.	30.00
8	3	20 in.	30 in.	350 lbs.	35.00
9	2	24 in.	20 in.	400 lbs.	40.00
10	2	24 in.	24 in.	450 lbs.	45.00
11	3	24 in.	24 in.	450 lbs.	45.00
12	3	24 in.	30 in.	500 lbs.	50.00
13	3	24 in.	36 in.	550 lbs.	55.00

Outer edges beveled. Steel axles perfectly fitted in machined bearings, assure perfect alignment and ease in using.

IRON HANDLE WITH COUNTERWEIGHT. The only lawn roller made with a handle that is absolutely rigid and that will remain so. No matter how well made a wooden handle may be, it is the first thing to give out.

Nos. 1 and 2 do not have handle counterweight.

Any of the above can be made heavier if wanted at a proportionate cost.

LAWN ROLLERS

Outer edge beveled. Steel axle. Iron handle with counter weight. Not a particle of wood used. No matter how well made a wooden handle may be, it is the first thing to give out. Strong, durable and first-class in every way.

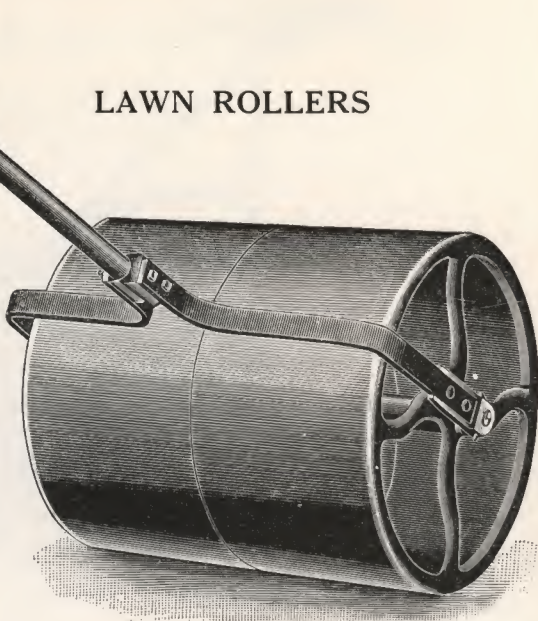
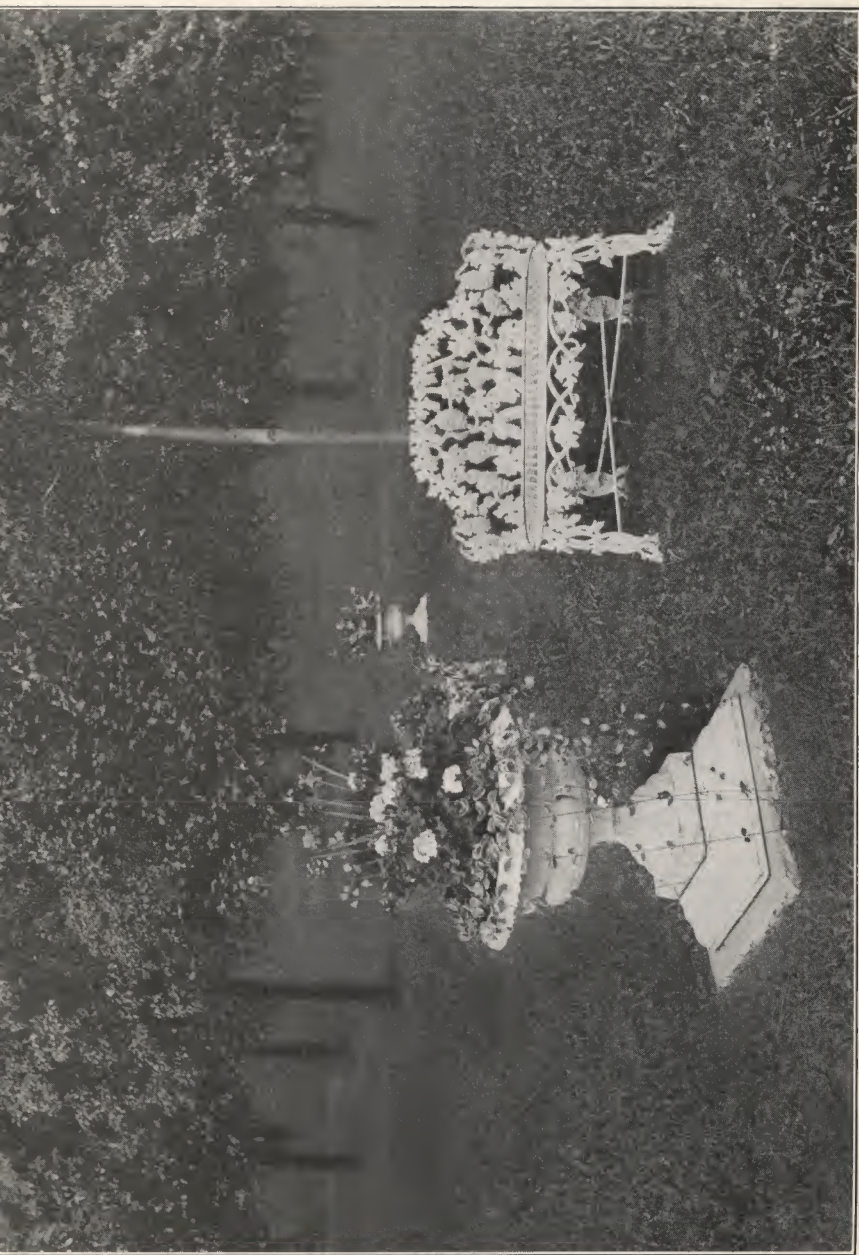


Fig. 301A

No.	Sections	Diameter	Length	Weight	List each
15	2	28 in.	20 in.	400 lbs.	\$40.00
16	2	28 in.	24 in.	400 lbs.	40.00
17	2	28 in.	24 in.	500 lbs.	50.00
18	3	28 in.	24 in.	450 lbs.	45.00
19	3	28 in.	24 in.	500 lbs.	50.00
20	3	28 in.	30 in.	500 lbs.	50.00
21	3	28 in.	30 in.	550 lbs.	55.00
22	3	28 in.	36 in.	650 lbs.	65.00
23	3	28 in.	36 in.	700 lbs.	70.00



Our complete catalog on Cast Iron Lawn Furniture will be furnished upon request

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"Perpetual Care".....	118	TRACK, Angle Steel	74
SINKS, Cast Iron	6	Cast Bracket.....	74
SINK Bolts	7	Hylo.....	66
Brackets, Adjustable.....	30	Steel Bracket.....	73
Brackets, Extension.....	30	TRAP SCREW FERRULES	32, 33
Couplings for Lead Pipe.....	7	TRAPS, Bottle	20
Couplings for Iron Pipe.....	7	Cellar.....	10
Fittings.....	7	Garage Mud.....	96
Fletcher Calkable Slop.....	9	Palmer Back Water.....	28
Harness Washing.....	101	Refrigerator Drain.....	20
Harris Round Bottom Slop.....	9	Sewer.....	10
Legs.....	25	Sink.....	20
Traps.....	20	TRAY, Frames, Steel	24
Slop.....	8	Legs, Steel.....	24
Strainers, Open.....	7	Legs, Cast Iron.....	25
Strainers, Plug.....	7	TROUGH, Pig	83
SLEEVES, Calking	34	Watering.....	98-100
SLEIGH SHOES	57	TUYERE IRONS	47
SLOP Hoppers	8	URNS	121
Sinks.....	8, 9	VALVES, Palmer Sewer	29
SOCKETS, Post	56, 107	VASE, Cast Iron	121
SMOOTHERS, Asphalt	50	VAULT Frames	110
SOD Tampers	48, 49	Covers.....	110
SOLDER POTS	21	VENT Fittings	34
STALL WINDOW		Hubs.....	34
VENTILATOR	84	VENTILATOR Grates	45
STANDARD COMBINATION		Stall Windows.....	84
REEL	41	WISE & ANVIL, Combination ..	43
STANDS, Boiler	26, 27	WAGON SHOES	54
STABLE Cesspools	15, 16	WASH TRAY Legs	24, 25
Gutter.....	90-96	Frames.....	24
STALL Guards	86, 87	WASHERS, Cast Iron	57
Partition Rail.....	88, 89	WATERING TROUGHS	98-100
STAPLES, Rung	56	WEIGHTS, Hitching	54
STAY ROLLERS	62, 63	WHEEL GUARDS	85
STONE BOAT	44	WIRE REELS	41
Head.....	44	WINDOW GUARDS	84
STOVE PIPE THIMBLES	65		





